Catalogue A

57

N. B. HANDY COMPANY

MANUFACTURERS AND WHOLESALE DEALERS IN

TINNERS' ROOFERS' AND CORNICE MAKERS'

SUPPLIES, TOOLS AND MACHINES

ROOFING SLATE

LYNCHBURG VIRGINIA

CATALOGUE AND PRICE LIST

OF

N. B. HANDY COMPANY

INCORPORATED

LYNCHBURG, VIRGINIA

TIN PLATE

AND

Metals of Every Description

STEEL ROOFING

GALVANIZED AND BLACK SHEETS

SHEET COPPER, ZINC

CONDUCTOR PIPE, EAVE TROUGH

TINNERS' AND ROOFERS' SUPPLIES

TOOLS AND MACHINES

&c., &c., &c.

Anno Domini 1910

INTRODUCTORY

To the Trade:

In presenting this Catalogue, we do so with a full appreciation of the debt we owe our friends for an exceedingly liberal patronage which has enabled us to bring this business to its present considerable proportions, and given us a prestige of which we are justly proud.

Our stock of goods being at all times very complete, we can usually make prompt shipment of any order received.

Our efforts shall be unceasing to promote the interests of all customers and to merit their patronage on an enlarged scale hereafter.

Yours very truly,

N. B. HANDY COMPANY.

TERMS

1. ALL PRICES subject to change without notice.

2. NET CASH thirty days from date of invoice—or cash discount allowed if paid within ten days as per stamp on bill.

3. Parties desiring credit must have good commercial rating, or furnish satisfactory reference, before shipment will be made.

4. No goods will be shipped C. O. D., or to our order, with Draft and Bill of Lading attached, unless one-half payment is made in advance to insure acceptance.

5. Bills not paid at maturity are subject to sight draft, without further notice, although we much prefer that customers remit the respective amounts when due.

6. No extension allowed, nor more than thirty days credit given, except by special agreement.

7. In order to avoid mistakes and unnecessary delays, customers will kindly send their orders, inquiries and remittances upon separate sheets.

8. Claims for errors must be made on receipt of goods.

9. As questions constantly arise as to the responsibility of shipper, for loss of and damage to goods, etc., in transit, we beg to call the special attention of our customers to the following:

   (a) OUR RESPONSIBILITY CEASES AS SOON AS GOODS ARE DELIVERED IN GOOD ORDER AND CONDITION AT SHIPPING POINT AND RECEIPT TAKEN FOR THE SAME—we, as senders, having no legal claim after the goods are delivered to the carriers properly consigned, as the ownership has passed from us to the consignee.

   (b) NO GOODS RETURNED WILL BE RECEIVED BY US UNLESS WE HAVE BEEN CORRESPONDED WITH AND HAVE GIVEN OUR PERMISSION THAT SAME CAN BE RETURNED, and party returning must in all cases pay freight and expenses.

   (c) After orders are entered the cancellation of same must be subject to our acceptance.

High-Grade Roofing Tin

HANDY'S GENUINE CHARCOAL IRON — Absolutely the best. Made from pure charcoal iron only. Guaranteed in every way.

BRYANT'S OLD METHOD — The old reliable brand. Pure Palm-Oil, hand coated. Re-squared and stamped.

MAJESTIC OLD STYLE — Made in same way as Bryant's "Old Method", but a little lighter weight. Stamped and re-squared.

FAULTLESS OLD STYLE — A genuine hand-made plate. Soft as any and an excellent roof. Stamped and re-squared.

BANNER — This plate deserves its name. It is not only "Banner" in name, but a satisfier. Palm-Oil, stamped and squared.

VIRGINIA — Made of highest grade material, dry finish, and the best plate of its grade on the market. Stamped and square.

SWEET BRIER OLD STYLE — Probably the most popular of our intermediate grades. Superior quality, dry finish, stamped and square.

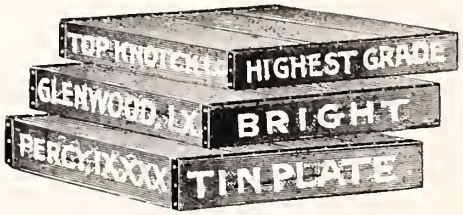
LONGDALE — Single coated, but the heaviest coating of this class. A good substantial article. Dull oil finish, stamped and square.

HANDCO — Full weight, single coating, dry finish, perfect, well known to all of our regular customers. Stamped and square.

LOW MOOR — One of the oldest brands of American made plates. Sold in immense quantities. Dry finish, stamped and square.

The above constitute only a part of our brands of roofing tin, but we shall be pleased to furnish prices and samples of our full line if desired.

Bright Tin Plate



We guarantee every plate mentioned below to double seam, regardless of low prices.

"CHARCOAL"

Made of the finest materials, with extreme care.

"TOP KNOTCH" Perfection in bright tin. Heaviest coating of pure tin. Tissue packed.

"GLENWOOD" A beautiful plate, soft and ductile. Extra heavy coating. Tissue packed.

"PERCY" High grade. Fine finish. Perfect plate. Heavy coating.

"AMHERST" Medium grade. Nice finish. Well coated and very soft.

"COKE" TIN

We have only one grade of Coke plates ; these are guaranteed to double seam, are smooth finish, bright and evenly coated ; recommended for all ordinary work and tinware. The brand is **"KENT".**

We carry in stock all sizes and weights ordinarily called for by the Southern trade. Our plates are selected with great care, thus guaranteeing our prime plates to be very near perfect.

Royal Tin Roofing

Put up in rolls, 14, 20 and 28 inches wide, containing 100 square feet each. While we mention below only a few grades, can furnish any brand of our roofing tin in rolls.

		I. C.	I. X.
Standard	per roll, 20 inch wide,	$	$
Low Moor . .	" " "		
Longdale	" " "		
Banner	" " "		
Bryant's O. M.	" " "		

EXTRAS PER ROLL

	14 in.	20 in.	28 in.
For soldering cross seams, one side	15 cents	20 cents	30 cents
" " " " two sides	30 "	40 "	60 "
" hand-painting, one side			20 "

We always ship 20 inch wide unless otherwise specified.

Prices quoted on application.

Valley and Flashing in Rolls

Made from Galvanized Steel and Tin.

Put up in rolls containing 50 lineal feet.

STANDARD LIST PRICES

		Terne Tin	Galvanized
4 inch	per foot,	4 cents	5 cents
5 "	"	5 "	6¼ "
7 "	"	7 "	8¾ "
10 "	"	10 "	12½ "
14 "	"	14 "	17½ "
20 "	"	20 "	25 "
28 "	"	28 "	35 "

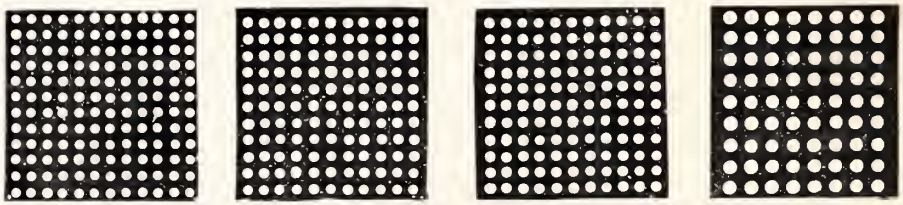
Discount.....per cent.

Sheet Lead

Approximate thickness, $\frac{1}{64}$, $\frac{1}{48}$, $\frac{1}{32}$, $\frac{1}{25}$, $\frac{3}{64}$, $\frac{1}{16}$, $\frac{5}{64}$, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{1}{4}$ in.
Weight per square foot, 1, 1½, 2, 2½, 3, 4, 5, 6, 8, 16 lbs.

Perforated Tin

Made of full weight Bright Plates, Sheets 14 x 20.



1 2 3 4

Cuts Represent Full Size Holes

Numbers	1	2	3	4
Perforations per lineal inch	18	15	12	10

Per dozen, net $..... Per sheet, net $.....

Special price per box.

Sheet Zinc

Leading Sizes. Lowest Market Prices per Pound.

SCHEDULE OF WEIGHT PER SHEET

U. S. Standard Gauge No.	26, 27	25	24	23
M. & H. Zinc Gauge No.	9	10	11	12
24 x 84 inches	9.4	10.5	12.6	14.7
30 x 84 inches	11.7	13.1	15.8	18.4
32 x 84 inches	12.5	14.0	16.8	19.6
36 x 84 inches	14.1	15.7	18.9	22.0
40 x 84 inches	15.6	17.5	21.0	24.5
42 x 84 inches	16.4	18.4	22.0	25.7
48 x 84 inches	18.8	21.0	25.2	29.4
52 x 84 inches	20.3	22.7	27.3	31.8

Zinc Gauge can be maintained only approximately.

Sheet Copper

Stubs' Gauge, Nearest No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thickness in Decimal Parts of 1 inch . . .	.300	.284	.259	.238	.220	.203	.180	.165	.148	.134	.120	.109	.095	.0860
Ounces per Square Ft.	223	211	193	177	164	151	134	123	110	100	89	81	70	64

Stubs' Gauge, Nearest No.	15	16	18	19	21	22	23	24	26	27	29	31	33	35
Thickness in Decimal Parts of 1 inch . . .	.0754	.0645	.0538	.0430	.0322	.0269	.0242	.0215	.0188	.0161	.0134	.0107	.00806	.00537
Ounces per Square Ft.	56	48	40	32	24	20	18	16	14	12	10	8	6	4

Basis Price.....cents per pound.

SCHEDULE OF EXTRAS FOR HOT ROLLED SHEET COPPER—Adopted January 19, 1899

SIZES OF SHEETS		64 oz. & over, 50 lb. sheet, 30 x 60 and heavier	32 oz. up to 64 oz. 25 to 50 lb. sheet, 30 x 60	24 oz. up to 32 oz. 18¾ to 25 lb. sheet, 30 x 60	16 oz. up to 24 oz. 12½ to 18¾ lb. sheet, 30 x 60	14 oz. and 15 oz. 11 to 12½ lb sheet, 30 x 60	12 oz. and 13 oz. 9½ to 11 lb. sheet, 30 x 60	10 oz. and 11 oz. 7¾ to 9½ lb. sheet, 30 x 60	8 oz. and 9 oz. 6¼ to 7¾ lb. sheet, 30 x 60	Lighter than 8 oz.
WIDTH	LENGTH	Cents Per Pound Advance Over Base Price								
Not wider than 30 inches	Not longer than 72 inches	Base	Base	Base	Base	1	2	3	6	9
	Longer than 72 inches Not longer than 96 ins.	Base	Base	Base	Base	1	3	6	9	
	Longer than 96 inches	Base	Base	Base	Base	2	6			
Wider than 30 inches, but not wider than 36 inches	Not longer than 72 inches	Base	Base	Base	Base	2	4	7	10	
	Longer than 72 inches Not longer than 96 ins.	Base	Base	Base	Base	2	6	9		
	Longer than 96 inches Not longer than 120 ins	Base	Base	Base	1	3				
	Longer than 120 inches	Base	Base	1	2					
Wider than 36 inches, but not wider than 48 inches	Not longer than 72 inches	Base	Base	1	2	4	7	10		
	Longer than 72 inches Not longer than 96 ins.	Base	Base	1	3	5	8			
	Longer than 96 inches Not longer than 120 ins.	Base	Base	2	4	8				
	Longer than 120 inches	Base	1	3	6					
Wider than 48 inches, but not wider than 60 inches	Not longer than 72 inches	Base	Base	1	3	6	11			
	Longer than 72 inches Not longer than 96 ins.	Base	Base	2	4	9				
	Longer than 96 inches Not longer than 120 ins.	Base	1	3	6					
	Longer than 120 inches	1	2	4	8					
Wider than 60 inches, but not wider than 72 inches	Not longer than 96 inches	Base	1	3	8					
	Longer than 96 inches Not longer than 120 ins	Base	2	5	10					
	Longer than 120 inches	1	3	8						
Wider than 72 inches, but not wider than 108 inches	Not longer than 96 inches	1	3	6						
	Longer than 96 inches Not longer than 120 ins.	2	4	7						
	Longer than 120 inches	3	5	9						
Wider than 108 inches	Not longer than 132 inches	4	6							
	Longer than 132 inches	5	8							

EXTRAS

Circles, Segments and Pattern Sheets, 3 cents advance over price of Sheet Copper.
Cold or Hard Rolled Copper, 14 oz. and heavier, 1 cent; lighter than 14 oz., 2 cents extra.
Polished Copper, 20 inches wide and under, 1 cent; over 20 inches wide, 2 cents extra over Cold Roll.
Planished Copper, 1 cent extra over Polished.
Tinning Sheets, on one side, 3½ cents; two sides, 7 cents per square foot.

Solder

This is our finest grade. Made for workmen who know what good solder is. It costs more than other brands but will go further and cost less in the end.

A popular grade for all purposes. It is good and made with exacting care and has met with general approval of the trade.

Thoroughly mixed and refined, it is suitable for roofing work and similar uses where the best solder is not necessary.

Soldering Coppers

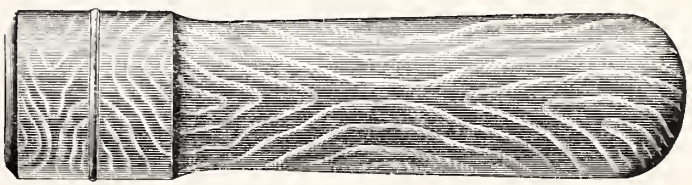
Our soldering coppers are forged and have light handles.

PRICE LIST

3	lbs.	per	pair	and	heavier			per lb.,	base
2½	"	"	"			1	cent	" "	additional
2	"	"	"			2	cents	" "	"
1½	"	"	"			3	"	" "	"
1	"	"	"			6	"	" "	"

We can furnish any other style wanted, prices on application.

Soldering Copper Handles

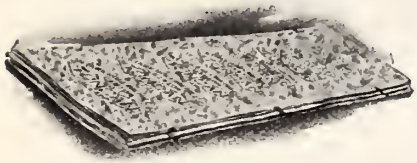


Made from Soft Wood, Well Wired . . . . . per dozen, $0.25

TONCAN METAL

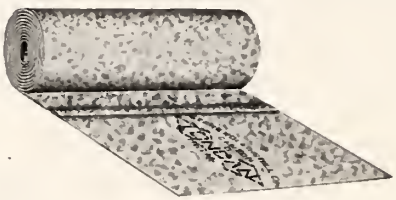
SHEETS AND FORMED PRODUCTS

Anti-Corrosion **Rust-Resisting**



Trade Mark Stenciled on Every Sheet

Toncan Metal is a rust-resisting product, particularly adapted for exposed sheet metal work. Costs less than Charcoal Iron, yet excels it in both durability and working qualities. Works up just as well as Open Hearth Steel. Costs not much more than Steel, and is more economical, owing to its greater lasting qualities.



We are prepared to supply **Toncan Metal** Sheets (Black or Galvanized); also Roofing, Siding, Eaves Trough, Conductor Pipe, etc., made from this material.

Roofing, Siding,

Eaves Trough, Conductor Pipe, Etc.

Booklet on request.

Ask for further particulars and prices.

"Faultless" Galvanized Sheets

Patent Leveled. Absolutely Flat and Free From Buckles.
Every Sheet Warranted of Finest Working Quality.

Gauge	PRICE LIST	Ounces per Square Ft.	Pounds Per Square Ft.	List Price per Pound
No. 16		42½	2.656	$0.12
No. 18		34½	2.156	.13
No. 20		26½	1.656	.13
No. 22		22½	1.406	.14
No. 24		18½	1.156	.14
No. 26		14½	.906	.15
No. 27		13½	.8437	.16
No. 28		12½	.7812	.17
No. 29		11½	.7187	.19
No. 30		10½	.6562	.21

Galvanized Crimped Cornice Sheets

We carry in Stock,
No. 27 Gauge, 24, 30, and 36 inches wide, by 96 inches long,
At market prices.

"Low Moor" Black Sheets

Highest Grade, Clean, Tough, Smooth and Perfect.

STOCK SIZES AS FOLLOWS

No. 12—36 x 96 inches	per 100 pounds, $
No. 14—30 x 96 and 36 x 96 inches	" " "
No. 16—24, 30 and 36 x 96 "	" " "
No. 18—24, 30 and 36 x 96 "	" " "
No. 20—24 x 96 and 30 x 96 "	" " "
No. 22—24 x 96 and 30 x 96 "	" " "
No. 24—24 x 76, 77, 78 and 96 inches	" " "
No. 24—30 x 96 inches	" " "
No. 27—24 x 101 "	" " "
No. 27—36 x 96 "	" " "
No. 28—24 x 101 "	" " "

Wood's Cleaned Refined Smooth Finish Sheets

Has been favorably known by the trade for generations, and is a general favorite, on account of its uniform dark color and smooth, clean surface.

It is a superior product for stove-pipe, elbows, etc.

Regular Gauges in Stock.

Size, 24 x 101 and 36 x 96 inches.

Wood's Patent Planished Iron

(AMERICA RUSSIA)

Wood's Patent Planished Sheets are made of genuine charcoal hammered bloom iron and have a beautiful dark blue, mottled, glossy surface, which is practically impervious to oxidation.

Regular Gauges in Stock.

Size, 28 x 60 inches.

Average Weights of Galvanized Sheets, Standard Sizes

Per Sheet and per Bundle in pounds.

Gauges	16			18			20			22			24		
Size of Sheet	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets
24x 72	31.8	159	5	25.9	155	6	19.9	159	8	16.9	152	9	13.9	153	11
26x 72	34.5	138	4	28.0	140	5	21.5	151	7	18.3	146	8	15.0	150	10
28x 72	37.2	149	4	30.2	151	5	23.2	162	7	19.7	158	8	16.2	146	9
30x 72	39.8	159	4	32.4	162	5	24.8	149	6	21.1	148	7	17.4	156	9
36x 72	47.7	143	3	38.9	155	4	29.9	149	5	25.4	152	6	20.9	146	7
24x 84	37.2	149	4	30.2	151	5	23.2	162	7	19.7	158	8	16.2	146	9
26x 84	42.3	161	4	32.7	163	5	25.1	151	6	21.3	149	7	17.5	140	8
28x 84	43.4	174	4	35.2	141	4	27.0	135	5	23.0	161	7	18.9	151	8
30x 84	46.5	139	3	37.7	151	4	29.0	145	5	24.6	148	6	20.2	142	7
36x 84	55.8	167	3	45.3	136	3	34.8	139	4	29.6	148	5	24.3	146	6
24x 96	42.5	170	4	34.5	138	4	26.5	159	6	22.5	157	7	18.5	148	8
26x 96	46.0	138	3	37.4	149	4	28.7	143	5	24.4	146	6	21.0	160	8
28x 96	49.6	149	3	40.3	161	4	30.9	155	5	26.3	157	6	21.6	151	7
30x 96	53.1	159	3	43.1	172	4	33.1	166	5	28.1	141	5	23.1	162	7
36x 96	63.7	127	2	51.8	155	3	39.7	159	4	33.9	169	5	27.7	166	6
24x120	53.1	159	3	43.1	129	3	33.1	166	5	28.1	141	5	23.1	162	7
26x120	57.6	173	3	46.7	140	3	35.9	143	4	30.5	152	5	25.1	150	6
28x120	62.0	186	3	50.3	151	3	38.6	155	4	32.8	164	5	27.0	162	6
30x120	66.4	133	2	53.9	162	3	41.4	166	4	35.2	141	4	28.9	145	5
36x120	79.7	159	2	64.7	129	2	49.6	149	3	42.1	169	4	34.7	173	5

Gauges	26			27			28			29			30		
24x 72	10.9	152	14	10.1	152	15	9.4	150	16	8.62	147	17	7.9	150	19
26x 72	11.8	153	13	11.0	154	14	10.2	152	15	9.34	149	16	8.5	145	17
28x 72	12.7	152	12	11.8	154	13	10.9	153	14	10.06	151	15	9.2	147	16
30x 72	13.6	149	11	12.7	152	12	11.7	152	13	10.78	162	15	9.9	148	15
36x 72	16.3	147	9	15.1	152	10	14.1	155	11	12.94	155	12	11.9	154	13
24x 84	12.7	152	12	11.8	154	13	10.9	153	14	10.06	151	15	9.2	147	16
26x 84	13.7	151	11	12.8	153	12	11.8	154	13	10.90	153	14	9.9	149	15
28x 84	14.8	148	10	13.8	152	11	12.7	153	12	11.74	153	13	10.7	150	14
30x 84	15.9	159	10	14.8	148	10	13.7	150	11	12.58	151	12	11.5	149	13
36x 84	19.0	152	8	17.7	159	9	16.4	148	9	15.09	151	10	13.8	152	11
24x 96	14.5	145	10	13.5	148	11	12.5	150	12	11.50	149	13	10.5	157	15
26x 96	15.7	157	10	14.6	146	10	13.5	149	11	12.46	150	12	11.4	148	13
28x 96	16.9	152	9	15.7	157	10	14.6	146	10	13.41	148	11	12.2	147	12
30x 96	18.1	145	8	16.9	152	9	15.6	156	10	14.37	144	10	13.1	144	11
36x 96	21.7	152	7	20.2	162	8	18.8	150	8	17.25	155	9	15.8	157	10
24x120	18.1	145	8	16.9	152	9	15.6	156	10	14.37	144	10	13.1	144	11
26x120	19.6	157	8	18.3	146	8	16.9	152	9	15.57	156	10	14.2	156	11
28x120	21.1	148	7	19.7	157	8	18.2	146	8	16.77	151	9	15.3	153	10
30x120	22.6	159	7	21.1	148	7	19.5	156	8	17.97	162	9	16.4	148	9
36x120	27.2	163	6	25.3	152	6	23.4	164	7	21.56	151	7	19.7	158	8

U. S. Standard Gauge for Sheet and Plate Iron and Steel

An Act Establishing a Standard Gauge for Sheet and Plate Iron and Steel

Be it enacted by the Senate and House of Representatives of the United States of America, in Congress Assembled: That for the purpose of securing uniformity the following is established as the only Standard Gauge for Sheet and Plate Iron and Steel in the United States of America, namely:

Number of Gauge.	Approximate thickness in fractions of an inch.	Approximate thickness in decimal parts of an inch.	Weight per square foot in OUNCES avoirdupois.	Weight per square foot in POUNDS avoirdupois.	Number of Gauge.
0000000	1-2	.5	320	20.00	0000000
000000	15-32	.46875	300	18 75	000000
00000	7-16	.4375	280	17.50	00000
0000	13-32	.40625	260	16.25	0000
000	3-8	.375	240	15.	000
00	11-32	.34375	220	13.75	00
0	5-16	.3125	200	12.50	0
1	9-32	.28125	180	11.25	1
2	17-64	.265625	170	10.625	2
3	1-4	.25	160	10.	3
4	15-64	.234375	150	9.375	4
5	7-32	.21875	140	8.75	5
6	13-64	.203125	130	8.125	6
7	3-16	.1875	120	7.5	7
8	11-64	.171875	110	6.875	8
9	5-32	.15625	100	6.25	9
10	9-64	.140625	90	5 625	10
11	1-8	.125	80	5.	11
12	7-64	.109375	70	4.375	12
13	3-32	.09375	60	3.75	13
14	5-64	.078125	50	3.125	14
15	9-128	.0703125	45	2.8125	15
16	1-16	.0625	40	2.5	16
17	9-160	.05625	36	2.25	17
18	1-20	.05	32	2.	18
19	7-160	.04375	28	1.75	19
20	3-80	.0375	24	1.50	20
21	11-320	.034875	22	1.375	21
22	1-32	.03125	20	1.25	22
23	9-320	.028125	18	1.125	23
24	1-40	.025	16	1.	24
25	7-320	.021875	14	.875	25
26	3-160	.01875	12	.75	26
27	11-640	.0171875	11	.6875	27
28	1-64	.015625	10	.625	28
29	9-640	.0140625	9	.5625	29
30	1-80	.0125	8	.5	30
31	7-640	.0109375	7	.4375	31
32	13-1280	.01015625	6½	.40625	32
33	3-320	.009375	6	.375	33
34	11-1280	.00859375	5½	.34375	34
35	5-640	.0078125	5	.3125	35

And on and after July first, eighteen hundred and ninety-three, the same and no other shall be used in determining duties and taxes levied by the United States of America on Sheet and Plate Iron and Steel. But this Act shall not be construed to increase duties upon any articles which may be imported.

SEC. 2. That the Secretary of the Treasury is authorized and required to prepare suitable standards in accordance herewith.

SEC. 3. That in the practical use and application of the standard gauge hereby established, a variation of two and one-half per cent. either way may be allowed.

APPROVED *March 3, 1893.*

Average Weights of Black Sheets, Standard Sizes

(WITHOUT BANDS)

Per Sheet and per Bundle in Pounds.

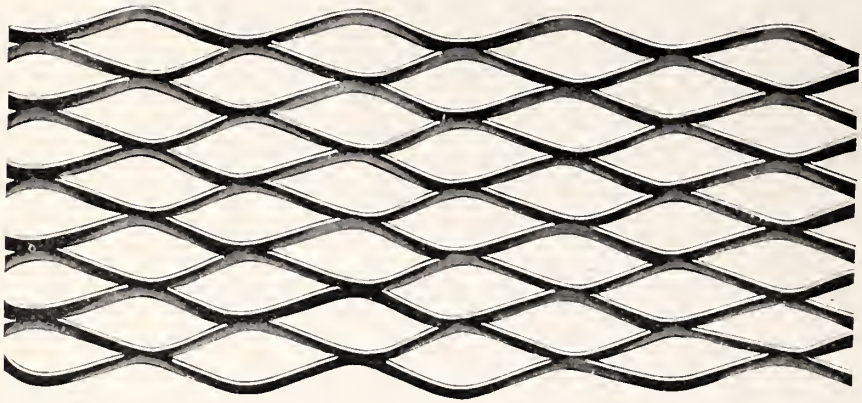
Gauges	14			16			18			20			22		
Size of Sheet	Weight per Sheet	Wt. per Bundle	Sheets per Bundle	Weight per Sheet	Wt. per Bundle	Sheets per Bundle	Weight per Sheet	Wt. per Bundle	Sheets per Bundle	Weight per Sheet	Wt. per Bundle	Sheets per Bundle	Weight per Sheet	Wt. per Bundle	Sheets per Bundle
24x 72	37.5	150	4	30.0	150	5	24.0	144	6	18.0	144	8	15.0	150	10
26x 72	40.63	162	4	32.4	162	5	26.0	156	6	19.5	156	8	16.3	146	9
28x 72	43.8	131	3	35.0	140	4	28.0	140	5	21.0	147	7	17.5	140	8
30x 72	46.9	141	3	37.5	150	4	30.0	150	5	22.5	157	7	18.8	150	8
36x 72	56.2	169	3	45.0	135	3	36.0	144	4	27.0	135	5	22.5	157	7
24x 84	43.8	131	3	35.0	140	4	28.0	140	5	21.0	147	7	17.5	140	8
26x 84	47.4	142	3	38.0	152	4	30.3	152	5	22.8	159	7	19.0	152	8
28x 84	51.0	153	3	40.8	163	4	32.7	163	5	24.5	147	6	20.4	143	7
30x 84	54.7	164	3	43.8	131	3	35.0	140	4	26.3	157	6	21.3	153	7
36x 84	65.6	131	2	52.5	157	3	42.0	168	4	31.5	157	5	26.3	157	6
24x 96	50.0	150	3	40.0	160	4	32.0	160	5	24.0	144	6	20.0	140	7
26x 96	54.2	162	3	43.3	130	3	34.7	139	4	26.0	156	6	21.7	152	7
28x 96	58.3	175	3	46.7	140	3	37.3	149	4	28.0	140	5	23.3	140	6
30x 96	62.5	125	2	50.0	150	3	40.0	160	4	30.0	150	5	25.0	150	6
36x 96	75.0	150	2	60.0	120	2	48.0	144	3	36.0	144	4	30.0	150	5
24x120	62.5	125	2	50.0	150	3	40.0	160	4	30.0	150	5	25.0	150	6
26x120	67.7	135	2	54.2	162	3	43.3	130	3	32.5	162	5	27.1	162	6
28x120	73.0	146	2	58.0	175	3	46.7	140	3	35.0	140	4	29.2	146	5
30x120	78.0	156	2	62.5	125	2	50.0	150	3	37.5	150	4	31.3	156	5
36x120	93.8	187	2	75.0	150	2	60.0	120	2	45.0	135	3	37.5	150	4

	24			26			27			28			30		
24x 72	12.0	144	12	9.0	144	16	8.3	148	18	7.5	150	20	6.0	150	25
26x 72	13.0	143	11	9.8	146	15	8.9	143	16	8.1	146	18	5.5	149	23
28x 72	14.0	154	11	10.5	147	14	9.6	154	16	9.8	149	17	7.0	147	21
30x 72	15.0	150	10	11.3	146	13	10.3	144	14	9.4	150	16	7.5	150	20
36x 72	18.0	144	8	13 5	148	11	12.4	148	12	11.3	146	13	9.0	144	16
24x 84	14.0	154	11	10.5	147	14	9.7	144	15	8.8	149	17	7.0	147	21
26x 84	15.2	152	10	11.4	148	13	10.4	146	14	9.5	152	16	7.6	144	19
28x 84	16.3	147	9	12.3	147	12	11.2	146	13	10.2	143	14	8.2	155	19
30x 84	17.5	140	8	13.1	144	11	12.0	144	12	10.9	153	14	8.8	149	17
36x 84	21.0	147	7	15.8	142	9	14.4	144	10	13.1	144	11	10.5	147	14
24x 96	16.0	144	9	12.0	144	12	11.0	143	13	10.0	150	15	8.0	144	18
26x 96	17.3	156	9	13.0	143	11	11.9	143	12	10.8	152	14	8.7	147	17
28x 96	18.7	149	8	14.0	154	11	12.9	154	12	11.7	152	13	9.3	149	16
30x 96	20.0	140	7	15.0	150	10	13.8	151	11	12.5	150	12	10.0	150	15
36x 96	24.0	144	6	18.0	144	8	16.5	148	9	15.0	150	10	12.0	144	12
24x120	20.0	140	7	15.0	150	10	13.8	151	11	12.5	150	12	10.0	150	15
26x120	21.7	152	7	16.3	146	9	14.9	149	10	13.6	149	11	10.9	152	14
28x120	23.3	140	6	17.5	140	8	16.0	144	9	14.6	146	10	11.7	163	14
30x120	25.0	150	6	18.8	150	8	17.2	155	9	15.7	156	10	12.5	150	12
36x120	30.0	150	5	22.5	157	7	20.6	165	8	18.8	150	8	15.0	150	10

Steel Lath and Expanded Metal

FIRE PROOF—RUST PROOF—RAT PROOF

Plain, Painted or Galvanized.



For all kinds of fire-proofing and reinforced concrete work. Made of any thickness of metal and almost any size mesh. Write for prices and state definitely what you want and quantity required.

Steel Lath

BOSTWICK
EXPANDED
SYKES and
OTHER BRANDS

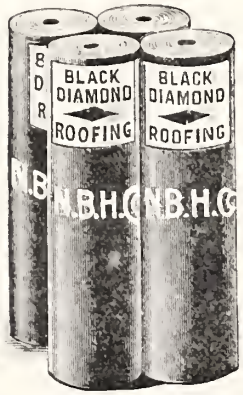
NONE CHEAPER BOTH SELF FURRING NONE BETTER

After a careful study of the weak points complained of in other laths, we to-day present an *expanded metal lath* and a *sheet metal lath*, which are the equal, if not the superior, of anything ever given to the building trade.

They must be good laths, as the United States Government uses them and the discriminating architects select them.

Ask for samples and prices.

Prepared Roofing, Tarred and Slaters' Felts



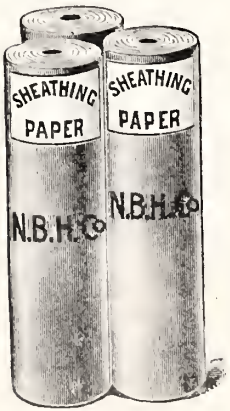
Tin Roofing Caps

1¼ inch, per lb.....

PRICE PER ROLL

Tar Roofing, 2 ply, in rolls of one square . . . . . $
" " 3 " " " " " " . . . . . .

Slaters' Felt, in rolls of 500 square feet . . . . . .



Building Papers—Rosin Sized

SOLID RED AND GRAY

PRICE PER ROLL

No. 12, 500 square feet . . . . . $
No. 20, 500 " " . . . . . .
No. 25, 500 " " . . . . . .

Asbestos Building Felt

This sheathing is manufactured from a mineral fibre, possessing the highest fire-proof and non-conducting qualities, rendering asbestos papers a valuable protection against fire.

Rolls are 36 inches wide, weighing from 90 to 110 pounds.

Price, per pound . . . . . $

Grades, 8, 10, 14 and 20 lbs. per 100 sq. ft.

Paroid Roofing

"IT LASTS"

A permanent ready roofing which for many years has been used and endorsed by the United States Government, the largest railroads and manufacturers all over the country. Adapted to all kinds of buildings. Easy to apply; does not require paint for a couple of years. Makes an attractive roof.

Packed in rolls of one square each, with tin caps, nails and cement for applying.

PRICE LIST

1 ply	per square,	$2.50	weight, 32 lbs.
2 "	" "	3.25	" 42 "
3 "	" "	4.00	" 52 "

Neponset Red Rope Roofing

Best low price roofing made, will outlast two tar roofs.

Also specified by the leading architects and the U. S. Government for sheathing under slate and metal roofs, shingles and clapboards.

Proof against cold, heat and moisture. Keeps a building warm in winter and reduces the coal bill.

Packed in rolls of one square each, with tin caps and nails for applying.

PRICE LIST

Per roll of 100 square feet	$1.20
" " " 500 " "	6.00

Roofing Slate

We offer to the trade

GENUINE BUCKINGHAM

from our quarries, in Buckingham County, Virginia. This is admitted to be the highest grade roofing slate produced. Absolutely unfading. Every slate of the same uniform color which is retained perpetually.

PRICE LIST PER SQUARE

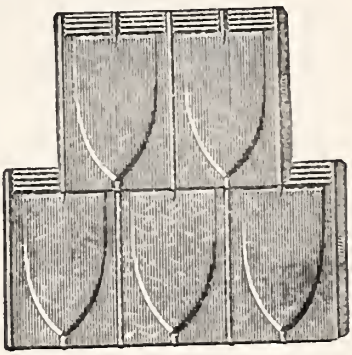
12 x 6	$4.75	18 x 10	$6.50
12 x 7	4.75	18 x 11	6.00
12 x 8	5.00	18 x 12	5.75
12 x 9	5.00	20 x 10	6.50
14 x 7	5.75	20 x 11	6.00
14 x 8	5.75	20 x 12	5.75
14 x 9	5.75	22 x 11	6.00
14 x 10	5.75	22 x 12	5.75
16 x 8	6.00	24 x 12	5.75
16 x 9	6.00	24 x 13	5.50
16 x 10	6.00	24 x 14	5.50
16 x 11	5.75	24 x 16	5.50
16 x 12	5.75	26 x 14	5.50
18 x 9	6.50		

Discount to dealers

"TITELOCK" METAL SHINGLES

Galvanized or Painted Tin

Style "A" Showing Method of Laying



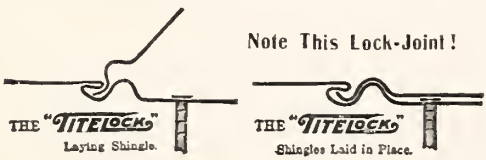
Style "B" Showing Method of Laying

Packed one square in a box (will cover 100 square feet).

Size 10 x 14 inches . . . . . requiring 144 Shingles
Size 7 x 10 " . . . . . " 320 "

PRICE LIST	Painted	Galvanized
Style A—10 x 14 inches	$5.25	$6.75 per square
Style A— 7 x 10 "	6.25	7.75 " "
Style B—10 x 14 "	5.00	6.50 " "
Style B— 7 x 10 "	6.00	7.50 " "

"TITELOCK" Metal Shingles present absolutely the best points in construction of any ever made. This is because of a *Perfectly Watertight Lock*.



Because Metal Shingles necessarily are fastened together by a lock, it is at this part where moisture is most likely to enter. It is the *vital* point in construction; therefore, is the potent factor which makes either a good or poor shingle.

The Side-Lock is so formed that the matching beads are absolutely straight and true to size. The outer flange is pressed to such an angle that after it is inserted in the recess of the adjoining shingle the act of laying the shingle springs it into a *perfectly tight* contact at both the top and bottom with the beads positively nested. This construction provides amply for expansion and contraction of the metal.

The nailing flange being covered by the inserted shingle, the nails are underneath and not exposed.

End Laps—The bottom and top are so formed at all points of contact that when shingles are laid, no rain, snow, soot or foreign matter of any kind can enter.

Embossing—The nature of embossing embodies features exclusively original and not obtainable in any other shingles. The crimps or narrow corrugations formed lengthwise of the plates produce the highest degrees of rigidity and strength, and prevent buckling of the plates, at the same time providing perfectly for the natural expansion and contraction of the metal.

Send for Samples

"TITELOCK" METAL SHINGLE TRIMMINGS

Galvanized or Painted Tin

RIDGE-COPING

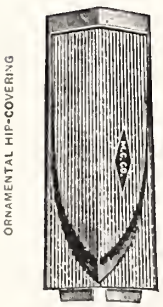
Both the Roll and Plain Ridge-Coping are suitable for use with either style "A" or "B" Shingles. Made from one piece of metal folded as here shown. The shingles are inserted in the folds over the nailing flange, thus protecting the nail heads from the weather and producing a storm-proof covering.

ROLL RIDGE-COPING

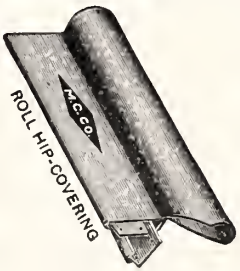
PLAIN RIDGE-COPING

HIP-COVERING

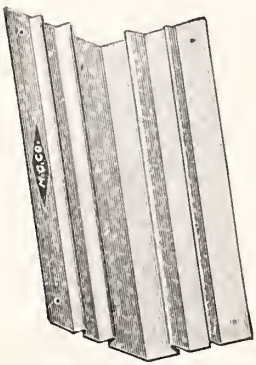
Made of one piece of metal, in the three styles here shown, and applied to make an absolutely storm-proof covering. This Hip-Covering is laid from the top downward, the lower end being provided with projections or nailing flanges, over which the top end of the next piece below is inserted, thus concealing the nails.



ORNAMENTAL HIP-COVERING



VALLEY



SECTION OF VALLEY

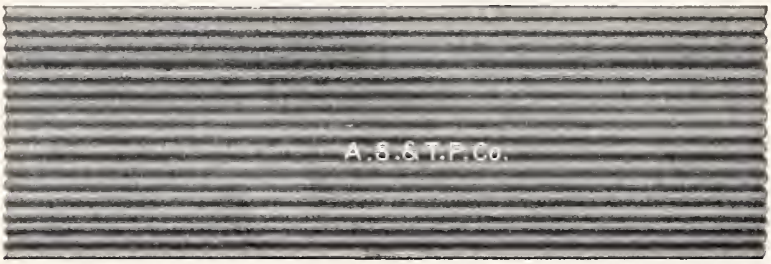
This Valley is so formed that the Shingles will lock over the folds, giving perfect protection against water washing up or under the shingles at sides of Valley. The folds allow amply for expansion and contraction.

Two Folds are formed on each side, so as to give double protection against storms. The shingles must be locked over the larger fold nearest the center of Valley. The sections are so constructed as to slip easily on the roof. The flange insures the ventilation and drying of the metal in the Valley at all times. Made in two widths, 14 and 20 in. The smaller size is used for ordinary dwellings, while the 20-inch is more suitable for large structures where a considerable amount of water is to be carried down.

PRICE LIST

	Painted	Galvanized	
Roll Ridge-Coping	$0.12	$0.13	per lineal foot.
Plain Ridge Coping	.09	.10	" " "
Ornamental Hip Covering	.12	.13	" " "
Roll Hip-Covering	.11	.12	" " "
Plain Hip-Covering	.07	.08	" " "
Valley, 14 inch	.09	.10	" " "
Valley, 20 inch	.11	.13	" " "

1¼ x ⅜ INCH CORRUGATED



Made from Black, Painted or Galvanized Sheets, No. 20 gauge and lighter. Full width 25 inches. Covering width 24 inches when lapped one corrugation. Standard lengths, 5, 6, 7, 8, 9 and 10 feet. Maximum length 12 feet.

WEIGHTS PER SQUARE

GAUGE	28	27	26	25	24	23	22	21	20
Painted	72	79	86	100	114	128	142	156	170
Galvanized	87	94	101	115	129	143	157	171	185

STANDARD 2½ x ½ INCH CORRUGATED

Made from Black, Painted or Galvanized Sheets, No. 12 gauge and lighter. Full width 26 inches. Covering width 24 inches when lapped one corrugation. Or, full width 27½ inches, finished with one edge curved up and the other down. Covering width 24 inches when lapped 1½ corrugations. Standard lengths, 5, 6, 7, 8, 9 and 10 feet. Maximum length 12 feet.

WEIGHTS PER SQUARE

GAUGE	28	27	26	25	24	23	22	21	20	18	16
Painted	68	76	83	96	110	123	136	150	163	217	271
Galvanized	85	91	98	111	124	138	151	165	178	232	286

Table showing number of square feet in a given number of sheets of any length.

Corrugated & Weather Boarding

Length of Sheets

Sheets	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft
2	18	22	26	31	35	39	44	48	52
3	26	33	39	46	52	59	65	72	78
4	35	44	52	61	70	78	87	96	104
5	44	55	65	76	87	98	109	120	130
6	52	65	78	91	104	117	130	143	156
7	61	76	91	107	122	137	152	167	182
8	70	87	104	122	139	156	174	191	208
9	78	98	117	137	156	176	195	215	234
10	87	109	130	152	174	195	217	239	260
11	96	120	143	167	191	215	239	263	286
12	104	130	156	182	208	234	260	286	312
13	113	141	169	198	226	254	282	310	338
14	122	152	182	213	243	273	304	334	364
15	130	163	195	228	260	293	325	358	390
16	139	174	208	243	278	312	347	382	416
17	148	185	221	258	295	332	369	406	442
18	156	195	234	273	312	351	390	429	468
19	165	206	247	289	330	371	412	453	494
20	174	217	260	304	347	390	434	477	520
21	182	228	273	319	364	410	455	501	546
22	191	239	286	334	382	429	477	525	572
23	200	250	299	349	399	449	499	549	598
24	208	260	312	364	416	468	520	572	624
25	217	271	325	379	434	488	542	596	650
26	226	282	338	395	451	507	564	620	676
27	234	293	351	410	468	527	585	644	702
28	243	304	364	425	486	546	607	668	728
29	252	315	377	440	503	566	629	692	754
30	260	325	390	455	520	585	650	715	780
31	269	336	403	470	538	605	672	739	806
32	278	347	416	486	555	624	694	763	832
33	286	358	429	501	572	644	715	787	858
34	295	369	442	516	590	663	737	811	884
35	304	380	455	531	607	683	759	835	910
36	312	390	468	546	624	702	780	858	936
37	321	401	481	562	642	722	802	882	962
38	330	412	494	577	659	741	824	906	988
39	338	423	507	592	676	761	845	930	1014
40	347	434	520	607	694	780	867	954	1040
41	356	445	533	622	711	800	889	978	1066
42	364	455	546	637	728	819	910	1001	1092
43	373	466	559	653	746	839	932	1025	1118
44	382	477	572	668	763	858	954	1049	1144
45	390	488	585	683	780	878	975	1073	1170
46	399	499	598	698	798	897	997	1097	1196
47	408	510	611	713	815	917	1019	1121	1222
48	416	520	624	728	832	936	1040	1144	1248
49	425	531	637	744	850	956	1062	1168	1274
50	434	542	650	759	867	975	1084	1192	1300

Corrugated & Weather Boarding

Length of Sheet

Sheets	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft.
51	442	553	663	774	884	995	1105	1216	1326
52	451	564	676	789	902	1014	1127	1240	1352
53	460	575	689	804	919	1034	1149	1264	1378
54	468	585	702	819	936	1053	1170	1287	1404
55	477	596	715	835	954	1073	1192	1311	1430
56	486	607	728	850	971	1092	1214	1335	1456
57	494	618	741	865	988	1112	1235	1359	1482
58	503	629	754	880	1006	1131	1257	1383	1508
59	512	640	767	895	1023	1151	1279	1407	1534
60	520	650	780	910	1040	1170	1300	1430	1560
61	529	661	793	926	1058	1190	1322	1454	1586
62	538	672	806	941	1075	1209	1344	1478	1612
63	546	683	819	956	1092	1229	1365	1502	1638
64	555	694	832	971	1110	1248	1387	1526	1664
65	564	705	845	986	1127	1268	1409	1550	1690
66	572	715	858	1001	1144	1287	1430	1573	1716
67	581	726	871	1017	1162	1307	1452	1597	1742
68	590	737	884	1032	1179	1326	1474	1621	1768
69	598	748	897	1047	1196	1346	1495	1645	1794
70	607	759	910	1062	1214	1365	1517	1669	1820
71	616	770	923	1077	1231	1385	1539	1693	1846
72	624	780	936	1092	1248	1404	1560	1716	1872
73	633	791	949	1108	1266	1424	1582	1740	1898
74	642	802	962	1123	1283	1443	1604	1764	1924
75	650	813	975	1138	1300	1463	1625	1788	1950
76	659	824	988	1153	1318	1482	1647	1812	1976
77	668	835	1001	1168	1335	1502	1669	1836	2002
78	676	845	1014	1183	1352	1521	1690	1859	2028
79	685	856	1027	1199	1370	1541	1712	1883	2054
80	694	867	1040	1214	1387	1560	1734	1907	2080
81	702	878	1053	1229	1404	1580	1755	1931	2106
82	711	889	1066	1244	1422	1599	1777	1955	2132
83	720	900	1079	1259	1439	1619	1799	1979	2158
84	728	910	1092	1274	1456	1638	1820	2002	2184
85	737	921	1105	1290	1474	1658	1842	2026	2210
86	746	932	1118	1305	1491	1677	1864	2050	2236
87	754	943	1131	1320	1508	1697	1885	2074	2262
88	763	954	1144	1335	1526	1716	1907	2098	2288
89	772	965	1157	1350	1543	1736	1929	2122	2314
90	780	975	1170	1365	1560	1755	1950	2145	2340
91	789	986	1183	1381	1578	1775	1972	2169	2366
92	798	997	1196	1396	1595	1794	1994	2193	2392
93	806	1008	1209	1411	1612	1814	2015	2217	2418
94	815	1019	1222	1426	1630	1833	2037	2241	2444
95	824	1030	1235	1441	1647	1853	2059	2265	2470
96	832	1040	1248	1456	1664	1872	2080	2288	2496
97	841	1051	1261	1472	1682	1892	2102	2312	2522
98	850	1062	1274	1487	1699	1911	2124	2336	2548
99	858	1073	1287	1502	1716	1931	2145	2360	2574
100	867	1084	1300	1517	1734	1950	2167	2384	2600

Corrugated & Weather Boarding
Length of Sheets

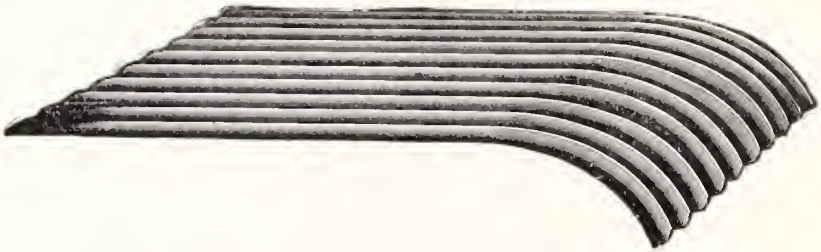
Sheets	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft.
101	876	1095	1313	1532	1751	1970	2189	2408	2626
102	884	1105	1326	1547	1768	1989	2210	2431	2652
103	893	1116	1339	1563	1786	2009	2232	2455	2678
104	902	1127	1352	1578	1803	2028	2254	2479	2704
105	910	1138	1365	1593	1820	2048	2275	2503	2730
106	919	1149	1378	1608	1838	2067	2297	2527	2756
107	928	1160	1391	1623	1855	2087	2319	2551	2782
108	936	1170	1404	1638	1872	2106	2340	2574	2808
109	945	1181	1417	1654	1890	2126	2362	2598	2834
110	954	1192	1430	1669	1907	2145	2384	2622	2860
111	962	1203	1443	1684	1924	2165	2405	2646	2886
112	971	1214	1456	1699	1942	2184	2427	2670	2912
113	980	1225	1469	1714	1959	2204	2449	2694	2938
114	988	1235	1482	1729	1976	2223	2470	2717	2964
115	997	1246	1495	1745	1994	2243	2492	2741	2990
116	1006	1257	1508	1760	2011	2262	2514	2765	3016
117	1014	1268	1521	1775	2028	2282	2535	2789	3042
118	1023	1279	1534	1790	2046	2301	2557	2813	3068
119	1032	1290	1547	1805	2063	2321	2579	2837	3094
120	1040	1300	1560	1820	2080	2340	2600	2860	3120
121	1049	1311	1573	1836	2098	2360	2622	2884	3146
122	1058	1322	1586	1851	2115	2379	2644	2908	3172
123	1066	1333	1599	1866	2132	2399	2665	2932	3198
124	1075	1344	1612	1881	2149	2418	2687	2956	3224
125	1084	1355	1625	1896	2167	2438	2709	2980	3250
126	1092	1365	1638	1911	2184	2457	2730	3003	3276
127	1101	1376	1651	1927	2202	2477	2752	3027	3302
128	1110	1387	1664	1942	2219	2496	2774	3051	3328
129	1118	1398	1677	1957	2236	2516	2795	3075	3354
130	1127	1409	1690	1972	2254	2535	2817	3099	3380
131	1136	1420	1703	1987	2271	2555	2839	3123	3406
132	1144	1430	1716	2002	2288	2574	2860	3146	3432
133	1153	1441	1729	2018	2306	2594	2882	3170	3458
134	1162	1452	1742	2033	2323	2613	2904	3194	3484
135	1170	1463	1755	2048	2340	2633	2925	3218	3510
136	1179	1474	1768	2063	2358	2652	2947	3242	3536
137	1188	1485	1781	2078	2375	2672	2969	3266	3562
138	1196	1495	1794	2093	2392	2691	2990	3289	3588
139	1205	1506	1807	2109	2410	2711	3012	3313	3614
140	1214	1517	1820	2124	2427	2730	3034	3337	3640
141	1222	1528	1833	2139	2444	2750	3055	3361	3666
142	1231	1539	1846	2154	2462	2769	3077	3385	3692
143	1240	1550	1859	2169	2479	2789	3099	3409	3718
144	1248	1560	1872	2184	2496	2808	3120	3432	3744
145	1257	1571	1885	2200	2514	2828	3142	3456	3770
146	1266	1582	1898	2215	2531	2847	3164	3480	3796
147	1274	1593	1911	2230	2548	2867	3185	3504	3822
148	1283	1604	1924	2245	2566	2886	3207	3528	3848
149	1292	1615	1937	2260	2583	2906	3229	3552	3874
150	1300	1625	1950	2275	2600	2925	3250	3575	3900

Corrugated & Weather Boarding

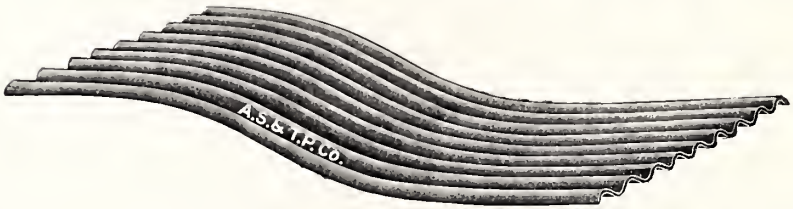
Length of Sheets

Sheets	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft.
151	1309	1636	1963	2291	2618	2945	3272	3599	3926
152	1318	1647	1976	2306	2635	2964	3294	3623	3952
153	1326	1658	1989	2321	2652	2984	3315	3647	3978
154	1335	1669	2002	2336	2670	3003	3337	3671	4004
155	1344	1680	2015	2351	2687	3023	3359	3695	4030
156	1352	1690	2028	2366	2704	3042	3380	3718	4056
157	1361	1701	2041	2382	2722	3062	3402	3742	4082
158	1370	1712	2054	2397	2739	3081	3424	3766	4108
159	1378	1723	2067	2412	2756	3101	3445	3790	4134
160	1387	1734	2080	2427	2774	3120	3467	3814	4160
161	1396	1745	2093	2442	2791	3140	3489	3838	4186
162	1404	1755	2106	2457	2808	3159	3510	3861	4212
163	1413	1766	2119	2473	2826	3179	3532	3885	4238
164	1422	1777	2132	2488	2843	3198	3554	3909	4264
165	1430	1788	2145	2503	2860	3218	3575	3933	4290
166	1439	1799	2158	2518	2878	3237	3597	3957	4316
167	1448	1810	2171	2533	2895	3257	3619	3981	4342
168	1456	1820	2184	2548	2912	3276	3640	4004	4368
169	1465	1831	2197	2564	2930	3296	3662	4028	4394
170	1474	1842	2210	2579	2947	3315	3684	4052	4420
171	1482	1853	2223	2594	2964	3335	3705	4076	4446
172	1491	1864	2236	2609	2982	3354	3727	4100	4472
173	1500	1875	2249	2624	2999	3374	3749	4124	4498
174	1508	1885	2262	2639	3016	3393	3770	4147	4524
175	1517	1896	2275	2655	3034	3413	3792	4171	4550
176	1526	1907	2288	2670	3051	3432	3814	4195	4576
177	1534	1918	2301	2685	3068	3452	3835	4219	4602
178	1543	1929	2314	2700	3086	3471	3857	4243	4628
179	1552	1940	2327	2715	3103	3491	3879	4267	4654
180	1560	1950	2340	2730	3120	3510	3900	4290	4680
181	1569	1961	2353	2746	3138	3530	3922	4314	4706
182	1578	1972	2366	2761	3155	3549	3944	4338	4732
183	1586	1983	2379	2776	3172	3569	3965	4362	4758
184	1595	1994	2392	2791	3190	3588	3987	4386	4784
185	1604	2005	2405	2806	3207	3608	4009	4410	4810
186	1612	2015	2418	2821	3224	3627	4030	4433	4836
187	1621	2026	2431	2837	3242	3647	4052	4457	4862
188	1630	2037	2444	2852	3259	3666	4074	4481	4888
189	1638	2048	2457	2867	3276	3686	4095	4505	4914
190	1647	2059	2470	2882	3294	3705	4117	4529	4940
191	1656	2070	2483	2897	3311	3725	4139	4553	4966
192	1664	2080	2496	2912	3328	3744	4160	4576	4992
193	1673	2091	2509	2928	3346	3764	4182	4600	5018
194	1682	2102	2522	2943	3363	3783	4204	4624	5044
195	1690	2113	2535	2958	3380	3803	4225	4648	5070
196	1699	2124	2548	2973	3398	3822	4247	4672	5096
197	1708	2135	2561	2988	3415	3842	4269	4696	5122
198	1716	2145	2574	3003	3432	3861	4290	4719	5148
199	1725	2156	2587	3019	3450	3881	4312	4743	5174
200	1734	2167	2600	3034	3467	3900	4334	4767	5200

CURVED CORRUGATED

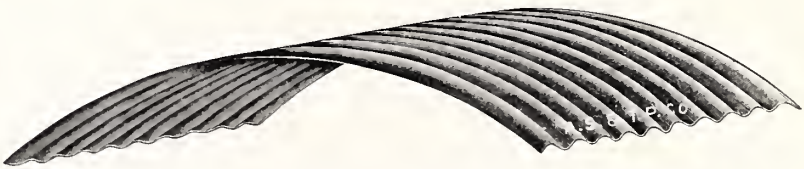


Single Curved Corrugated, used extensively for awnings.

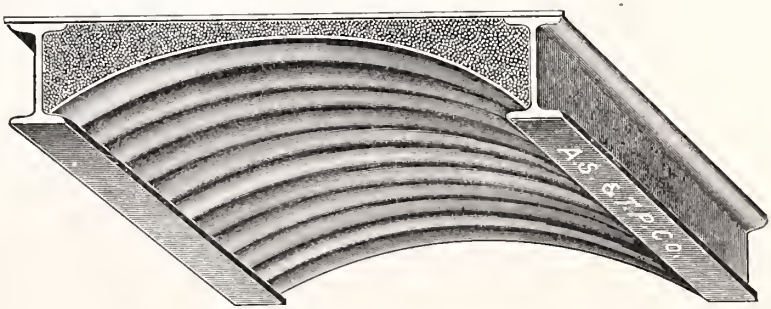


We can also furnish Double Curved Corrugated Sheets for awnings.

CURVED CORRUGATED



Made from Black, Painted or Galvanized Sheets, No. 16 gauge and lighter. Standard 1¼, 2½, 3 and 5 inch corrugated in lengths up to and including 12 feet. Curved to any radius.



Curved Corrugated Sheets for ceilings applied in connection with beams.

V CRIMPED ROOFING

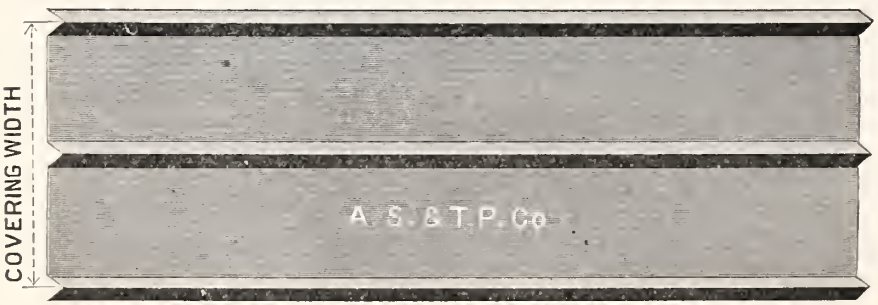
Made from Black, Painted or Galvanized Sheets, No. 20 gauge and lighter. Covering width 24 inches. Standard lengths, 5, 6, 7, 8, 9 and 10 feet. Maximum length 12 feet. Wood sticks furnished if desired.

WEIGHTS PER SQUARE

GAUGE	28	27	26	24	22	20
Painted	70	76	83	110	137	164
Galvanized	85	91	98	125	152	179

Sticks for V crimp, add about 4 lbs. per square.

THREE V CRIMPED ROOFING



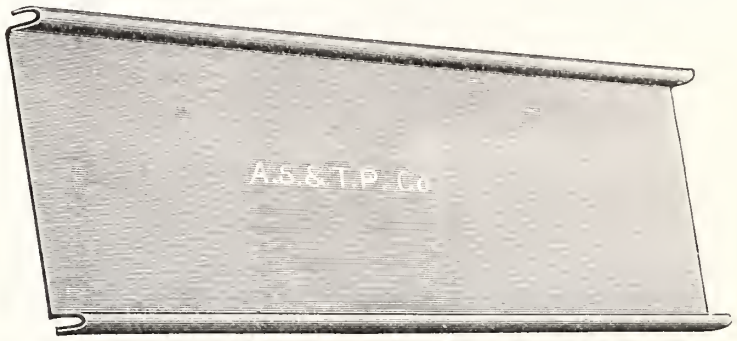
Made from Black, Painted or Galvanized Sheets, No. 20 gauge and lighter. Covering width 24 inches. Standard lengths, 5, 6, 7, 8, 9 and 10 feet. Maximum length 12 feet. Wood sticks furnished if desired.

WEIGHTS PER SQUARE

GAUGE	28	27	26	24	22	20
Painted	72	79	86	114	142	170
Galvanized	88	95	102	130	158	186

Sticks for Three V Crimp, add about 8 lbs. per square.

PRESSED STANDING SEAM ROOFING



Made from Black, Painted or Galvanized Sheets, No. 20 gauge and lighter. Covering width 24 inches. Standard lengths, 5, 6, 7, 8, 9 and 10 feet. Maximum length 12 feet. Cleats furnished unless otherwise ordered.

WEIGHTS PER SQUARE

GAUGE	28	27	26	24	22	20
Painted	73	79	86	113	141	169
Galvanized	87	94	101	127	156	183

Pressed Standing Seams without cleats, deduct 1 lb. per square.

WEATHERBOARD SIDING

Made from Black, Painted or Galvanized Sheets, No. 22 gauge and lighter. Covering width 24 inches. Standard lengths, 5, 6, 7, 8, 9 and 10 feet. Maximum length 12 feet.

WEIGHTS PER SQUARE

GAUGE	28	27	26	24	22
Painted	72	79	86	113	142
Galvanized	88	95	102	130	158

V. Crimp & Standing Seam

Length of Sheets

Sheets	4 ft.	5 ft.	6ft.	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft.
2	16	20	24	28	32	36	40	44	48
3	24	30	36	42	48	54	60	66	72
4	32	40	48	56	64	72	80	88	96
5	40	50	60	70	80	90	100	110	120
6	48	60	72	84	96	108	120	132	144
7	56	70	84	98	112	126	140	154	168
8	64	80	96	112	128	144	160	176	192
9	72	90	108	126	144	162	180	198	216
10	80	100	120	140	160	180	200	220	240
11	88	110	132	154	176	198	220	242	264
12	96	120	144	168	192	216	240	264	288
13	104	130	156	182	208	234	260	286	312
14	112	140	168	196	224	252	280	308	336
15	120	150	180	210	240	270	300	330	360
16	128	160	192	224	256	288	320	352	384
17	136	170	204	238	272	306	340	374	408
18	144	180	216	252	288	324	360	396	432
19	152	190	228	266	304	342	380	418	456
20	160	200	240	280	320	360	400	440	480
21	168	210	252	294	336	378	420	462	504
22	176	220	264	308	352	396	440	484	528
23	184	230	276	322	368	414	460	506	552
24	192	240	288	336	384	432	480	528	576
25	200	250	300	350	400	450	500	550	600
26	208	260	312	364	416	468	520	572	624
27	216	270	324	378	432	486	540	594	648
28	224	280	336	392	448	504	560	616	672
29	232	290	348	406	464	522	580	638	696
30	240	300	360	420	480	540	600	660	720
31	248	310	372	434	496	558	620	682	744
32	256	320	384	448	512	576	640	704	768
33	264	330	396	462	528	594	660	726	792
34	272	340	408	476	544	612	680	748	816
35	280	350	420	490	560	630	700	770	840
36	288	360	432	504	576	648	720	792	864
37	296	370	444	518	592	666	740	814	888
38	304	380	456	532	608	684	760	836	912
39	312	390	468	546	624	702	780	858	936
40	320	400	480	560	640	720	800	880	960
41	328	410	492	574	656	738	820	902	984
42	336	420	504	588	672	756	840	924	1008
43	344	430	516	602	688	774	860	946	1032
44	352	440	528	616	704	792	880	968	1056
45	360	450	540	630	720	810	900	990	1080
46	368	460	552	644	736	828	920	1012	1104
47	376	470	564	658	752	846	940	1034	1128
48	384	480	576	672	768	864	960	1056	1152
49	392	490	588	686	784	882	980	1078	1176
50	400	500	600	700	800	900	1000	1100	1200

V Crimp & Standing Seam
Length of Sheets

Sheets	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft
51	408	510	612	714	816	918	1020	1122	1224
52	416	520	624	728	832	936	1040	1144	1248
53	424	530	636	742	848	954	1060	1166	1272
54	432	540	648	756	864	972	1080	1188	1296
55	440	550	660	770	880	990	1100	1210	1320
56	448	560	672	784	896	1008	1120	1232	1344
57	456	570	684	798	912	1026	1140	1254	1368
58	464	580	696	812	928	1044	1160	1276	1392
59	472	590	708	826	944	1062	1180	1298	1416
60	480	600	720	840	960	1080	1200	1320	1440
61	488	610	732	854	976	1098	1220	1342	1464
62	496	620	744	868	992	1116	1240	1364	1488
63	504	630	756	882	1008	1134	1260	1386	1512
64	512	640	768	896	1024	1152	1280	1408	1536
65	520	650	780	910	1040	1170	1300	1430	1560
66	528	660	792	924	1056	1188	1320	1452	1584
67	536	670	804	938	1072	1206	1340	1474	1608
68	544	680	816	952	1088	1224	1360	1496	1632
69	552	690	828	966	1104	1242	1380	1518	1656
70	560	700	840	980	1120	1260	1400	1540	1680
71	568	710	852	994	1136	1278	1420	1562	1704
72	576	720	864	1008	1152	1296	1440	1584	1728
73	584	730	876	1022	1168	1314	1460	1606	1752
74	592	740	888	1036	1184	1332	1480	1628	1776
75	600	750	900	1050	1200	1350	1500	1650	1800
76	608	760	912	1064	1216	1368	1520	1672	1824
77	616	770	924	1078	1232	1386	1540	1694	1848
78	624	780	936	1092	1248	1404	1560	1716	1872
79	632	790	948	1106	1264	1422	1580	1738	1896
80	640	800	960	1120	1280	1440	1600	1760	1920
81	648	810	972	1134	1296	1458	1620	1782	1944
82	656	820	984	1148	1312	1476	1640	1804	1968
83	664	830	996	1162	1328	1494	1660	1826	1992
84	672	840	1008	1176	1344	1512	1680	1848	2016
85	680	850	1020	1190	1360	1530	1700	1870	2040
86	688	860	1032	1204	1376	1548	1720	1892	2064
87	696	870	1044	1218	1392	1566	1740	1914	2088
88	704	880	1056	1232	1408	1584	1760	1936	2112
89	712	890	1068	1246	1424	1602	1780	1958	2136
90	720	900	1080	1260	1440	1620	1800	1980	2160
91	728	910	1092	1274	1456	1638	1820	2002	2184
92	736	920	1104	1288	1472	1656	1840	2024	2208
93	744	930	1116	1302	1488	1674	1860	2046	2232
94	752	940	1128	1316	1504	1692	1880	2068	2256
95	760	950	1140	1330	1520	1710	1900	2090	2280
96	768	960	1152	1344	1536	1728	1920	2112	2304
97	776	970	1164	1358	1552	1746	1940	2134	2328
98	784	980	1176	1372	1568	1764	1960	2156	2352
99	792	990	1188	1386	1584	1782	1980	2178	2376
100	800	1000	1200	1400	1600	1800	2000	2200	2400

V Crimp & Standing Seam

Length of Sheets

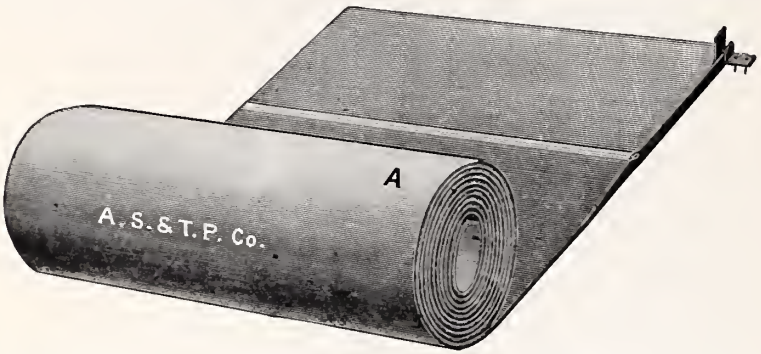
Sheets	4 ft.	5 ft.	6 ft	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft.
101	808	1010	1212	1414	1616	1818	2020	2222	2424
102	816	1020	1224	1428	1632	1836	2040	2244	2448
103	824	1030	1236	1442	1648	1854	2060	2266	2472
104	832	1040	1248	1456	1664	1872	2080	2288	2496
105	840	1050	1260	1470	1680	1890	2100	2310	2520
106	848	1060	1272	1484	1696	1908	2120	2332	2544
107	856	1070	1284	1498	1712	1926	2140	2354	2568
108	864	1080	1296	1512	1728	1944	2160	2376	2592
109	872	1090	1308	1526	1744	1962	2180	2398	2616
110	880	1100	1320	1540	1760	1980	2200	2420	2640
111	888	1110	1332	1554	1776	1998	2220	2442	2664
112	896	1120	1344	1568	1792	2016	2240	2464	2688
113	904	1130	1356	1582	1808	2034	2260	2486	2712
114	912	1140	1368	1596	1824	2052	2280	2508	2736
115	920	1150	1380	1610	1840	2070	2300	2530	2760
116	928	1160	1392	1624	1856	2088	2320	2552	2784
117	936	1170	1404	1638	1872	2106	2340	2574	2808
118	944	1180	1416	1652	1888	2124	2360	2596	2832
119	952	1190	1428	1666	1904	2142	2380	2618	2856
120	960	1200	1440	1680	1920	2160	2400	2640	2880
121	968	1210	1452	1694	1936	2178	2420	2662	2904
122	976	1220	1464	1708	1952	2196	2440	2684	2928
123	984	1230	1476	1722	1968	2214	2460	2706	2952
124	992	1240	1488	1736	1984	2232	2480	2728	2976
125	1000	1250	1500	1750	2000	2250	2500	2750	3000
126	1008	1260	1512	1764	2016	2268	2520	2772	3024
127	1016	1270	1524	1778	2032	2286	2540	2794	3048
128	1024	1280	1536	1792	2048	2304	2560	2816	3072
129	1032	1290	1548	1806	2064	2322	2580	2838	3096
130	1040	1300	1560	1820	2080	2340	2600	2860	3120
131	1048	1310	1572	1834	2096	2358	2620	2882	3144
132	1056	1320	1584	1848	2112	2376	2640	2904	3168
133	1064	1330	1596	1862	2128	2394	2660	2926	3192
134	1072	1340	1608	1876	2144	2412	2680	2948	3216
135	1080	1350	1620	1890	2160	2430	2700	2970	3240
136	1088	1360	1632	1904	2176	2448	2720	2992	3264
137	1096	1370	1644	1918	2192	2466	2740	3014	3288
138	1104	1380	1656	1932	2208	2484	2760	3036	3312
139	1112	1390	1668	1946	2224	2502	2780	3058	3336
140	1120	1400	1680	1960	2240	2520	2800	3080	3360
141	1128	1410	1692	1974	2256	2538	2820	3102	3384
142	1136	1420	1704	1988	2272	2556	2840	3124	3408
143	1144	1430	1716	2002	2288	2574	2860	3146	3432
144	1152	1440	1728	2016	2304	2592	2880	3168	3456
145	1160	1450	1740	2030	2320	2610	2900	3190	3480
146	1168	1460	1752	2044	2336	2628	2920	3212	3504
147	1176	1470	1764	2058	2352	2646	2940	3234	3528
148	1184	1480	1776	2072	2368	2664	2960	3256	3552
149	1192	1490	1788	2086	2384	2682	2980	3278	3576
159	1200	1500	1800	2100	2400	2700	3000	3300	3600

V Crimp & Pressed Standing Seam

Length of Sheets

Sheets	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft.
151	1208	1510	1812	2114	2416	2718	3020	3324	3624
152	1216	1520	1824	2128	2432	2736	3040	3344	3648
153	1224	1530	1836	2142	2448	2754	3060	3366	3672
154	1232	1540	1848	2156	2464	2772	3080	3388	3696
155	1240	1550	1860	2170	2480	2790	3100	3410	3720
156	1248	1560	1872	2184	2496	2808	3120	3432	3744
157	1256	1570	1884	2198	2512	2826	3140	3454	3768
158	1264	1580	1896	2212	2528	2844	3160	3476	3792
159	1272	1590	1908	2226	2544	2862	3180	3498	3816
160	1280	1600	1920	2240	2560	2880	3200	3520	3840
161	1288	1610	1932	2254	2576	2898	3220	3542	3864
162	1296	1620	1944	2268	2592	2916	3240	3564	3888
163	1304	1630	1956	2282	2608	2934	3260	3586	3912
164	1312	1640	1968	2296	2624	2952	3280	3608	3936
165	1320	1650	1980	2310	2640	2970	3300	3630	3960
166	1328	1660	1992	2324	2656	2988	3320	3652	3984
167	1336	1670	2004	2338	2672	3006	3340	3674	4008
168	1344	1680	2016	2352	2688	3024	3360	3696	4032
169	1352	1690	2028	2366	2704	3042	3380	3718	4056
170	1360	1700	2040	2380	2720	3060	3400	3740	4080
171	1368	1710	2052	2394	2736	3078	3420	3762	4104
172	1376	1720	2064	2408	2752	3096	3440	3784	4128
173	1384	1730	2076	2422	2768	3114	3460	3806	4152
174	1392	1740	2088	2436	2784	3132	3480	3828	4176
175	1400	1750	2100	2450	2800	3150	3500	3850	4200
176	1408	1760	2112	2464	2816	3168	3520	3872	4224
177	1416	1770	2124	2478	2832	3186	3540	3894	4248
178	1424	1780	2136	2492	2848	3204	3560	3916	4272
179	1432	1790	2148	2506	2864	3222	3580	3938	4296
180	1440	1800	2160	2520	2880	3240	3600	3960	4320
181	1448	1810	2172	2534	2896	3258	3620	3982	4344
182	1456	1820	2184	2548	2912	3276	3640	4004	4368
183	1464	1830	2196	2562	2928	3294	3660	4026	4392
184	1472	1840	2208	2576	2944	3312	3680	4048	4416
185	1480	1850	2220	2590	2960	3330	3700	4070	4440
186	1488	1860	2232	2604	2976	3348	3720	4092	4464
187	1496	1870	2244	2618	2992	3366	3740	4114	4488
188	1504	1880	2256	2632	3008	3384	3760	4136	4512
189	1512	1890	2268	2646	3024	3402	3780	4158	4536
190	1520	1900	2280	2660	3040	3420	3800	4180	4560
191	1528	1910	2292	2674	3056	3438	3820	4202	4584
192	1536	1920	2304	2688	3072	3456	3840	4224	4608
193	1544	1930	2316	2702	3088	3474	3860	4246	4632
194	1552	1940	2328	2716	3104	3492	3880	4268	4656
195	1560	1950	2340	2730	3120	3510	3900	4290	4680
196	1568	1960	2352	2744	3136	3528	3920	4312	4704
197	1576	1970	2364	2758	3152	3546	3940	4334	4728
198	1584	1980	2376	2772	3168	3564	3960	4356	4752
199	1592	1990	2388	2786	3184	3582	3980	4378	4776
200	1600	2000	2400	2800	3200	3600	4000	4400	4800

PLAIN OR SELF CAPPING ROLL ROOFING

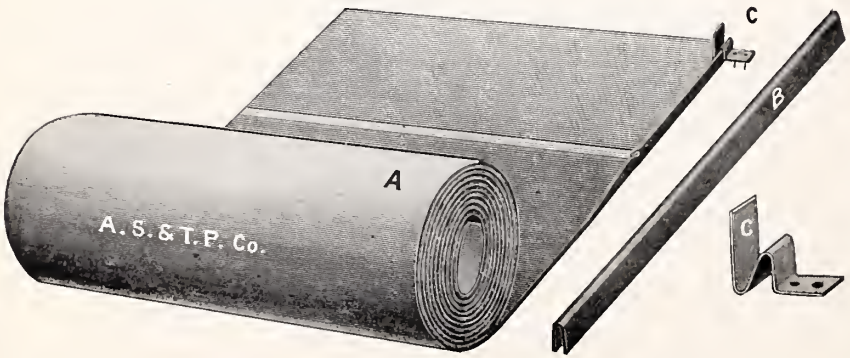


Made from Black, Painted or Galvanized Sheets, No. 24 gauge and lighter. Full width, 26½ inches. Each roll contains 50 lineal feet, and when applied in the usual manner will cover 100 square feet of surface. Cleats furnished if desired; cross locks are single seamed, but double seamed locks can be furnished.

WEIGHTS PER SQUARE

GAUGE	28	27	26	24
Painted	72	79	86	114
Galvanized	88	95	102	130

ROLL AND CAP ROOFING



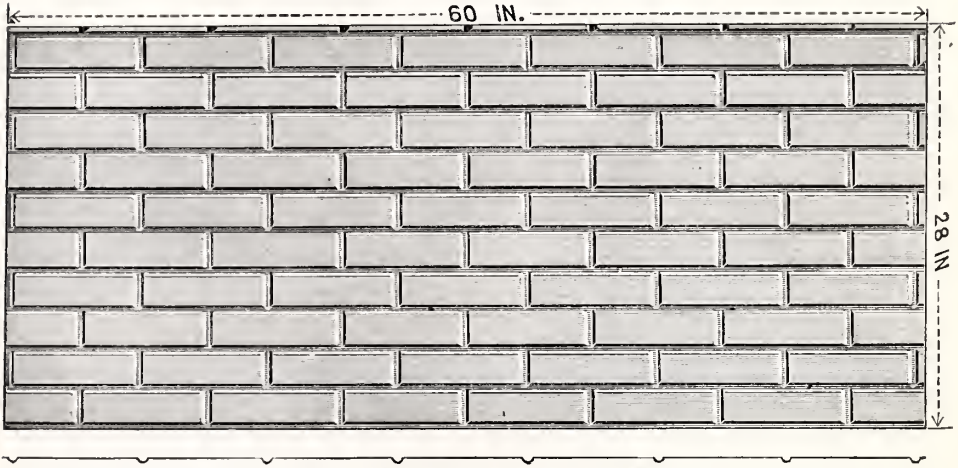
Made from Black, Painted or Galvanized Sheets, No. 24 gauge and lighter. Full width, 26 inches. Each roll contains 50 lineal feet, and when applied in the usual manner, will cover 100 square feet of surface. Caps and cleats supplied unless otherwise specified; cross locks are single seamed, but double seamed locks can be furnished.

WEIGHTS PER SQUARE

GAUGE	28	27	26	24
Painted	77	84	91	119
Galvanized	93	100	106	134

Roll and Cap Roofing without Painted caps, deduct 5 lbs. per square. Roll and Cap Roofing without cleats, deduct 1 lb. per square. Roll and Cap Roofing without Galvanized caps, deduct 6 lbs. per square.

PLAIN BRICK SIDING

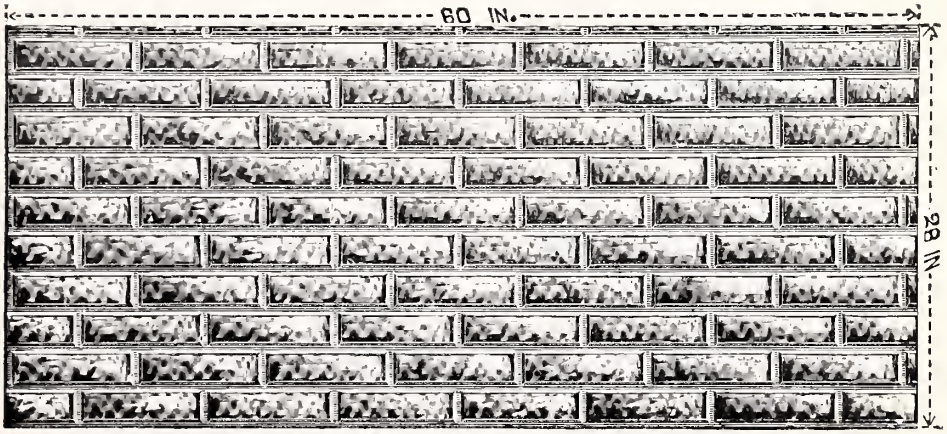


Made from Black, Painted or Galvanized Sheets, No. 26 gauge and lighter. Size, 28 x 60 inches. Size of each brick, $2\frac{4}{5}$ x $8\frac{1}{4}$ inches.

WEIGHTS PER SQUARE

GAUGE	28	27	26
Painted	64	71	77
Galvanized	78	85	91

ROCK FACE BRICK SIDING

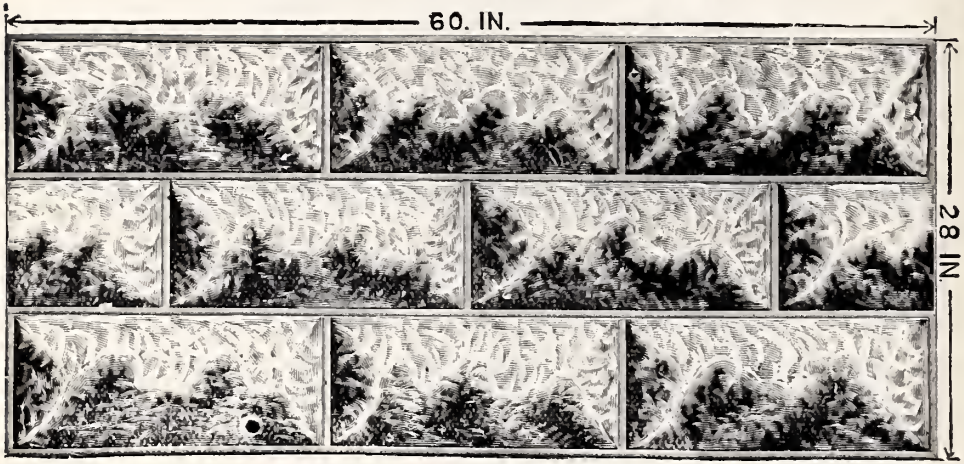


Made from Black, Painted or Galvanized Sheets, No. 26 gauge and lighter. Size, 28 x 60 inches. Size of each brick, $2\frac{4}{5}$ x $8\frac{1}{4}$ inches.

WEIGHTS PER SQUARE

GAUGE	28	27	26
Painted	65	72	78
Galvanized	79	86	92

ROCK FACE STONE SIDING



Size of single stone, 9⅓ x 20 inches. Made from Black, Painted or Galvanized Sheets, No. 26 gauge and lighter. Size of sheet, 28 x 60 inches.

WEIGHTS PER SQUARE

GAUGE	28	27	26
Painted	65	72	78
Galvanized	79	86	92

BEADED CEILING AND SIDING

Made from Black, Painted or Galvanized Sheets, No. 24 gauge and lighter. Covering width, 24 inches. Standard lengths, 5, 6, 7, 8, 9 and 10 feet. Maximum length, 12 feet. Beads are 3 inches from center to center.

WEIGHTS PER SQUARE

GAUGE	28	27	26	24
Painted	70	76	83	110
Galvanized	85	91	98	125

CORRUGATED RIDGE ROLL

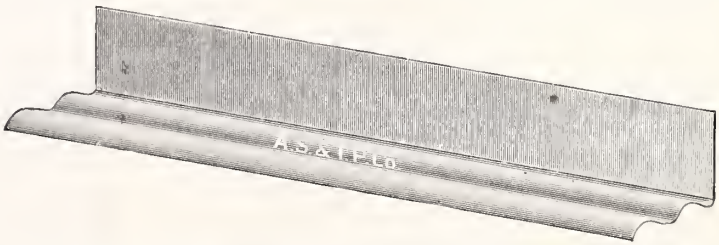
Made from Black, Painted or Galvanized Sheets, No. 20 gauge and lighter, to fit 1¼ and 2½ inch corrugations. Covering length, 24 inches when lapped one corrugation.

CORRUGATED V RIDGE CAPPING

Made from Black, Painted or Galvanized Sheets, No. 20 gauge and lighter, to fit 1¼ and 2½ inch corrugations. Covering length, 24 inches when lapped one corrugation.

Standard size girt for Corrugated Ridge Roll, 14 inches; for Corrugated V Ridge Capping, 10 inches.

CORRUGATED SIDE WALL FLASHING



Made from Black, Painted or Galvanized Sheets, No. 20 gauge and lighter, to fit 1¼ and 2½ inch corrugations in any length up to and including 10 feet. Standard length, 8 feet.

CORRUGATED END WALL FLASHING

Made from Black, Painted or Galvanized Sheets, No. 20 gauge and lighter, to fit 1¼ and 2½ inch corrugations. Covering length, 24 inches when lapped one corrugation.

Pilaster—All Complete, with 4-Inch Return

CORNER

Fig. 41

Shows Rock-Face Brick Corner Finish, 4 inches to the weather on each face.

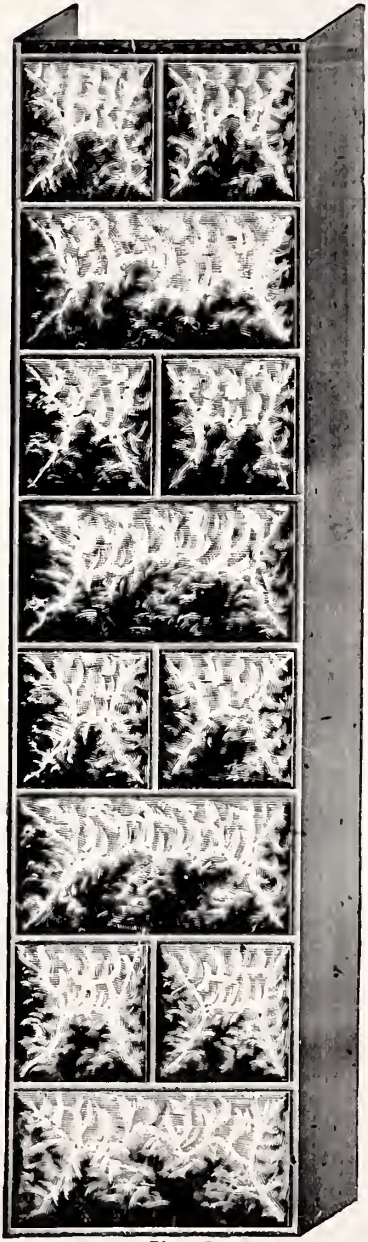


Fig. 42

CORNER

Fig. 43

Shows Plain Brick Corner Finish, 4 inches to the weather on each face.

PRICE LIST

	Sheet Steel, Painted	Galvanized
Fig. 41, per lineal foot	$0.06	$0.08
Fig. 43, per lineal foot	.05	.07
Fig. 42, 10-inch Face, with 4-inch Return, per lineal foot	.13½	.18
Fig. 42, 12-inch Face, with 4-inch Return, per lineal foot	.15	.20
Fig. 42, 16-inch Face, with 4-inch Return, per lineal foot	.18	.24

How to Order Roofing

Specify kind of Roofing wanted. Use one of our loose diagrams, as below, and for ridge roof allow 2 to 4 inches to lap under at eaves and same at ends of building. No comb capping is necessary for Standing Seam Roofing. For "V" Crimp Roofing use Capping or Ridge Roll on page 41.

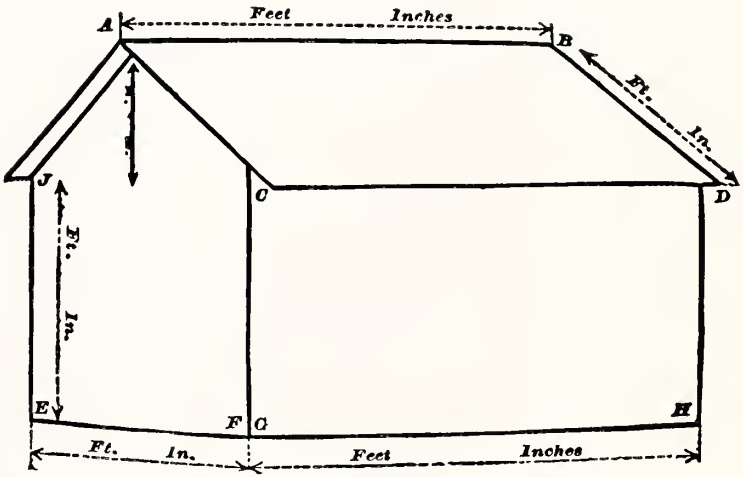


FIG. 13. FOR RIDGE ROOF

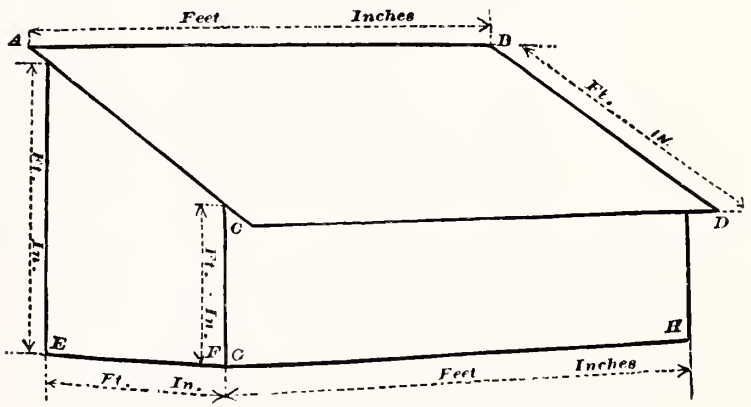


FIG. 14. FOR SHED ROOF

FOR CORRUGATED SIDING OR ROOFING

Use our No. 10, 2½-inch, or No. 13, 1¼-inch. Sheets will cover exactly 24 inches after lapping one corrugation on side, and the number of sheets required and lengths most suitable can be easily estimated by any one by using table on page 40.

Take Measurements Carefully and Accurately.

RULES OF MEASUREMENT AND WEIGHTS

OF

Steel and Galvanized Roofing and Siding

CORRUGATED SHEETS

As no allowance is made for laps, the following table gives the number of square feet necessary to cover **one** square. This table is based on using sheets 26 inches wide and 96 inches long; if longer or shorter sheets are used the number of square feet will vary slightly.

End Laps	1 inch.	2 inch.	3 inch.	4 inch.	5 inch	6 inch.
Side Lap, 1 Corrugation	110 ft.	111 ft.	112 ft.	113 ft.	114 ft.	115 ft.
" 1½ "	116 ft.	117 ft.	118 ft.	119 ft.	120 ft.	121 ft.
" 2 "	123 ft.	124 ft.	125 ft.	126 ft.	127 ft.	128 ft.

The following table shows the **approximate** weights per square of Corrugated and other styles of Roofing, both **Painted and Galvanized.**

2½-inch Corrugated and "V" Crimp

PAINTED

No. of Gauge	28	27	26	24	22	20	18
Weight per square, pounds	69	77	84	111	138	165	220

GALVANIZED

No. of Gauge	28	27	26	24	22	20	18
Weight per square, pounds	86	93	99	127	154	82	236

The following tables show the number of sheets shipped for each square ordered of either **Painted or Galvanized Corrugated** 2½-in., or 1¼-in. "V" Crimp and "V" Center Crimp.

2½-inch Painted and Galvanized—Corrugated

Length	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.
No. of Sheets per Square	11.54	9.24	7.70	6.60	5.77	5.13	4.62

1¼-inch Corrugated and Middle "V" Crimp

Length	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.
No. of Sheets per Square	12	9⅗	8	6⅔	6	5⅓	4⅘

"V" Crimp and Self-Capping Standing Seam Roofing (in Sheets)

Length	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.
No. of Sheets per Square	12½	10	8⅓	7⅛	6¼	5⅝	5

Roll Cap Roofing is furnished in rolls 26½ or 26¾ in. wide, and charged for covering width of 24 inches.

We Conform Strictly to U. S. Gauges

Galvanized Ridging

All our Ridging is made of best quality Galvanized Steel in 10-foot lengths without cross-seams.

IMPROVED RIDGE ROLL

We desire to call particular attention to this improved Ridge Roll, as shown by above cut. Note the nailing edge.

PLAIN RIDGE CAPPING

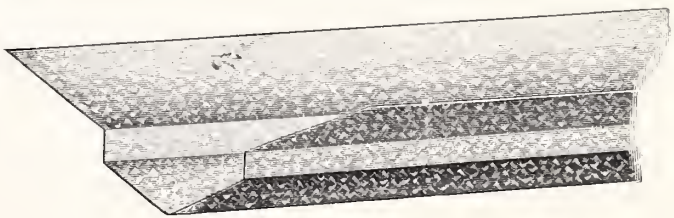
A very neat and durable comb covering—cheaper and better than wood.

STANDARD LIST PRICES

Girth . . . . . inches	6	7	8	10	12	14
Size of Roll . . . . . inches	1	1¼	1½	2	2½	3
Standard G	.13	.14	.16	.19	.23	.28
27 G	.17	.18	.20	.23	.27	.32
26 G	.19	.20	.22	.25	.29	.34
24 G	.25	.26	.28	.31	.35	.40

Galvanized Formed Valley

Made of best quality Galvanized Steel in 10-foot lengths without cross-seam.



Style "B"

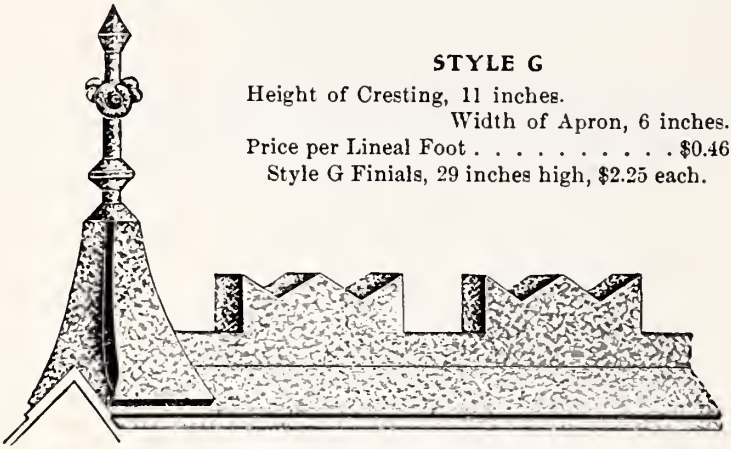
STANDARD LIST PRICES

Girth . . . . inches	10	12	14	16	20	24	28	30
Standard G	.12½	.15	.17½	.20	.25	.30	.35	.37
27 G	.16½	.19	.21½	.24	.29	.34	.39	.41
26 G	.18½	.21	.23½	26	.31	.36	.41	.43
24 G	.24½	.27	.29½	.32	.37	.42	.47	.49

Handy's Ornamental Ridge Roll

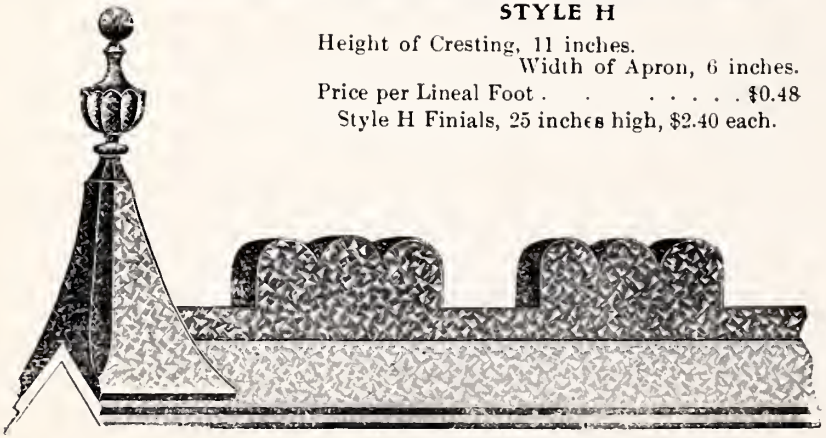
WITH FANCY BLOCKS AND FINIALS

(Specify Pitch of Roof)



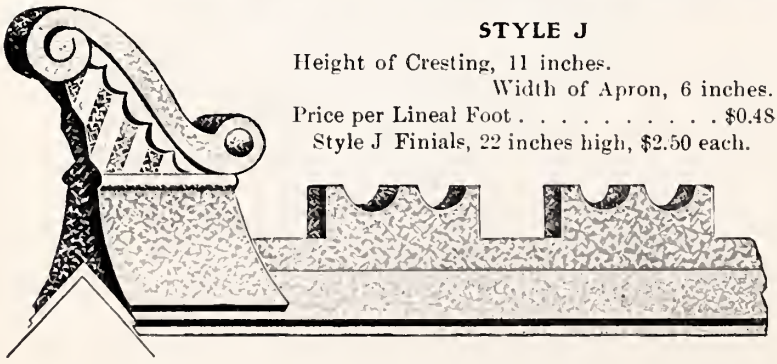
STYLE G

Height of Cresting, 11 inches.
Width of Apron, 6 inches.
Price per Lineal Foot $0.46
Style G Finials, 29 inches high, $2.25 each.



STYLE H

Height of Cresting, 11 inches.
Width of Apron, 6 inches.
Price per Lineal Foot $0.48
Style H Finials, 25 inches high, $2.40 each.



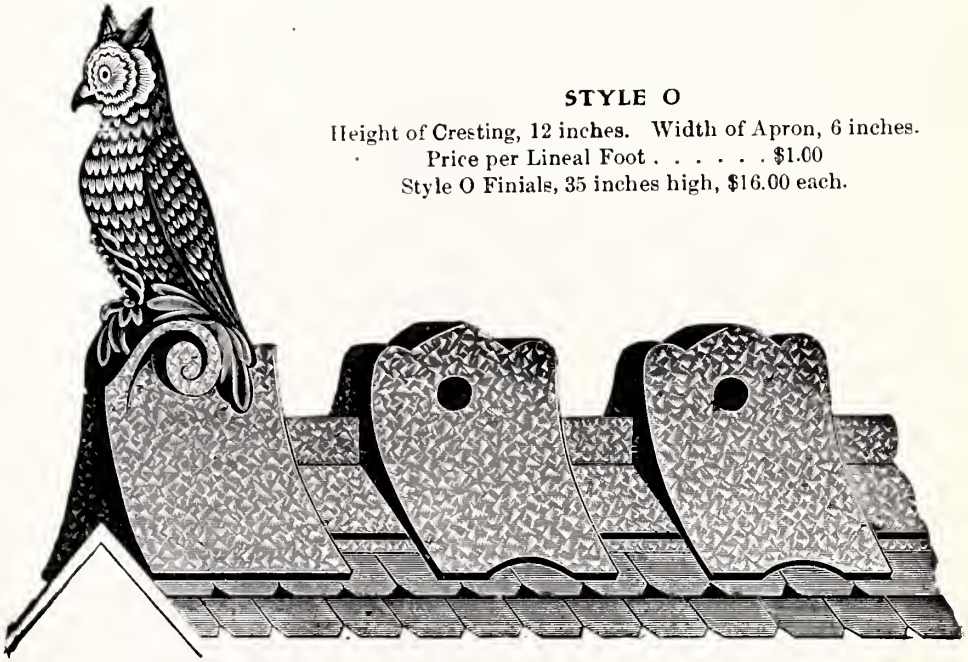
STYLE J

Height of Cresting, 11 inches.
Width of Apron, 6 inches.
Price per Lineal Foot $0.48
Style J Finials, 22 inches high, $2.50 each.

Handy's Ornamental Ridge Roll

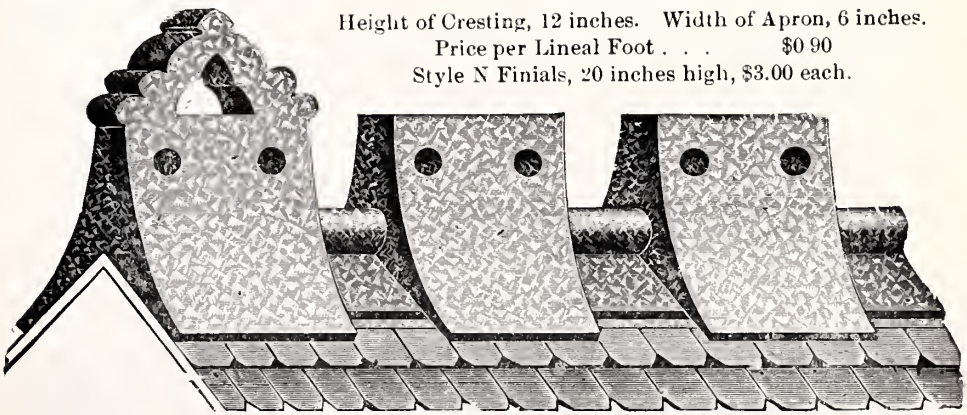
WITH FANCY BLOCKS AND FINIALS

(Specify Pitch of Roof)



STYLE O

Height of Cresting, 12 inches. Width of Apron, 6 inches.
Price per Lineal Foot $1.00
Style O Finials, 35 inches high, $16.00 each.



STYLE N

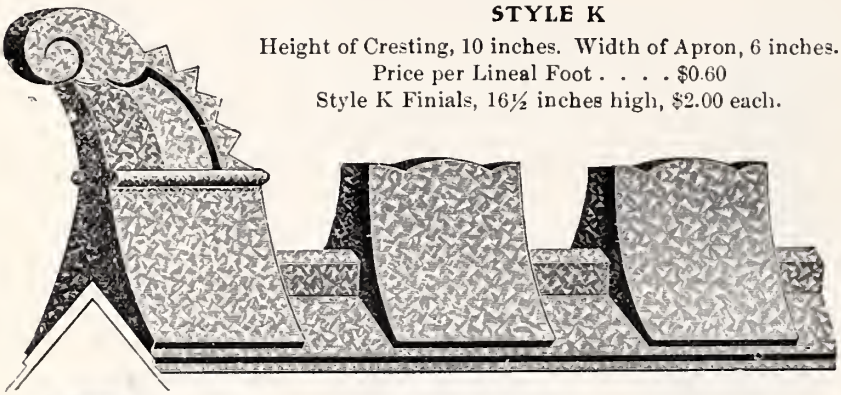
Height of Cresting, 12 inches. Width of Apron, 6 inches.
Price per Lineal Foot . . . $0 90
Style N Finials, 20 inches high, $3.00 each.

We can make any style wanted.

Handy's Ornamental Ridge Roll

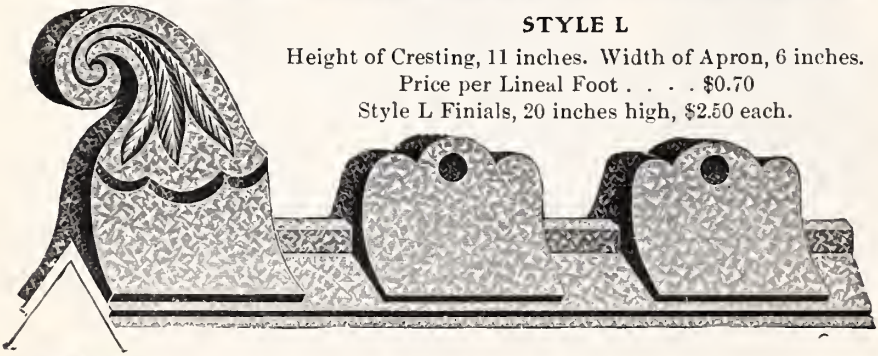
WITH FANCY BLOCKS AND FINIALS

(Specify Pitch of Roof)



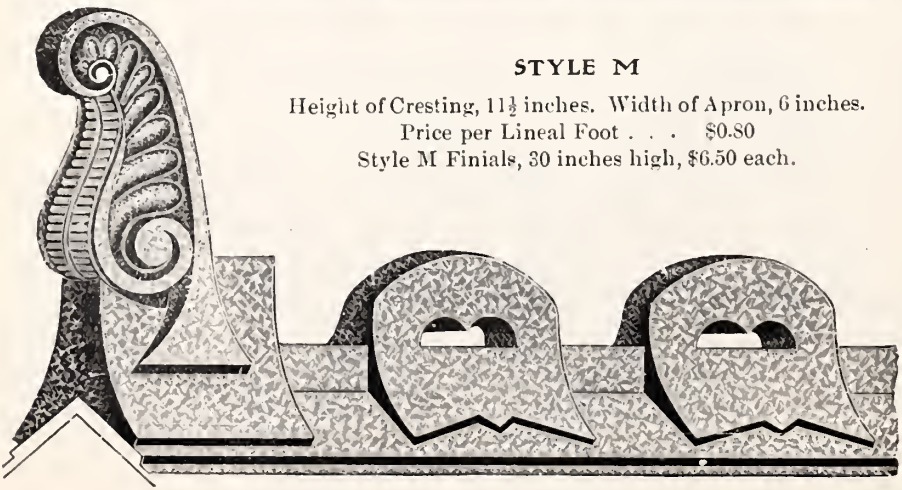
STYLE K

Height of Cresting, 10 inches. Width of Apron, 6 inches.
Price per Lineal Foot $0.60
Style K Finials, 16½ inches high, $2.00 each.



STYLE L

Height of Cresting, 11 inches. Width of Apron, 6 inches.
Price per Lineal Foot $0.70
Style L Finials, 20 inches high, $2.50 each.



STYLE M

Height of Cresting, 11½ inches. Width of Apron, 6 inches.
Price per Lineal Foot . . . $0.80
Style M Finials, 30 inches high, $6.50 each.

Special designs made to order.

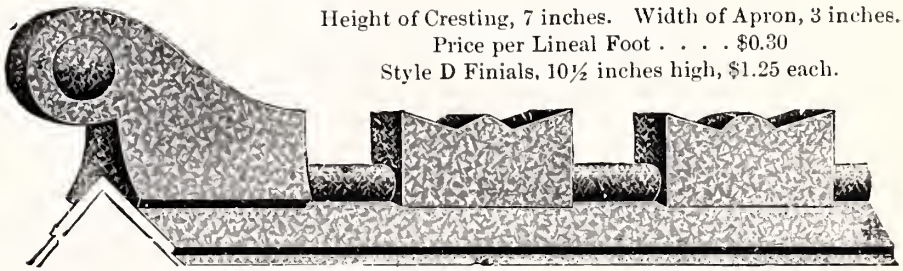
Handy's Ornamental Ridge Roll

WITH FANCY BLOCKS AND FINIALS

(Specify Pitch of Roof)

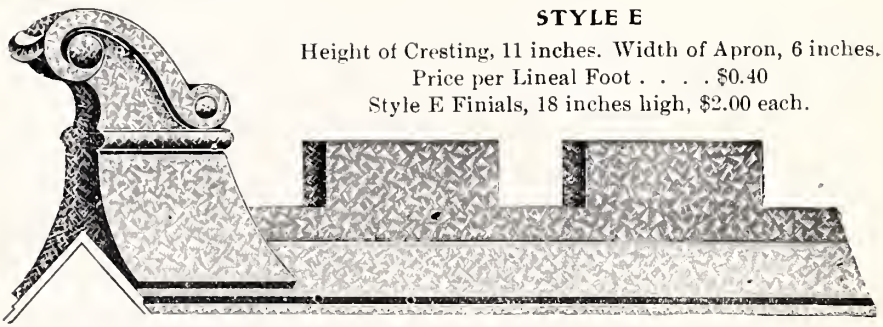
STYLE D

Height of Cresting, 7 inches. Width of Apron, 3 inches.
Price per Lineal Foot $0.30
Style D Finials, 10½ inches high, $1.25 each.



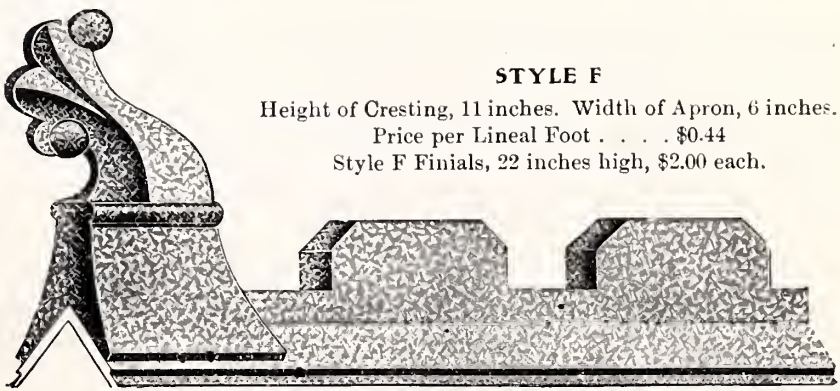
STYLE E

Height of Cresting, 11 inches. Width of Apron, 6 inches.
Price per Lineal Foot $0.40
Style E Finials, 18 inches high, $2.00 each.



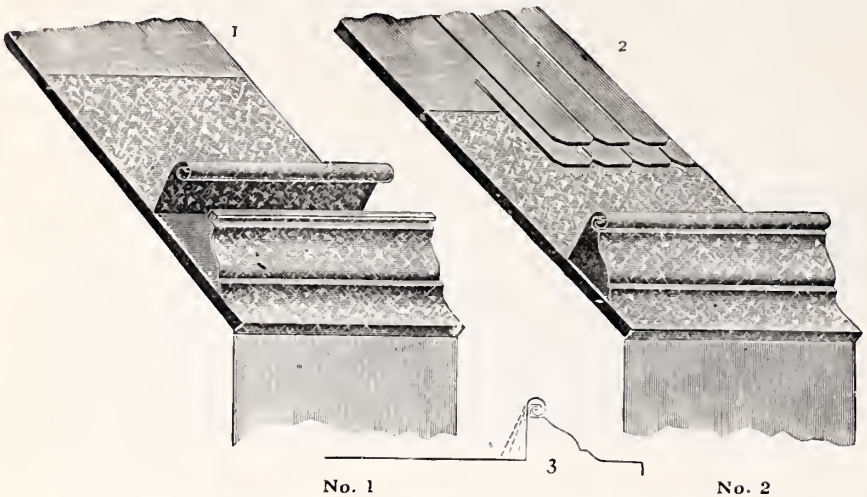
STYLE F

Height of Cresting, 11 inches. Width of Apron, 6 inches.
Price per Lineal Foot $0.44
Style F Finials, 22 inches high, $2.00 each.



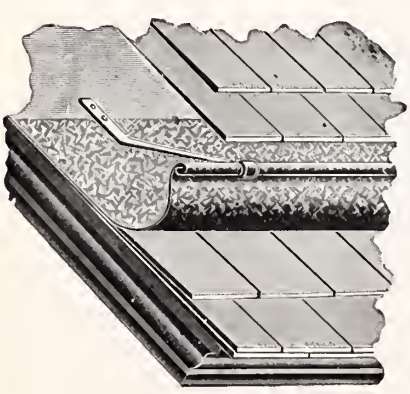
We can furnish a hundred other styles.

Combination Roof Gutters

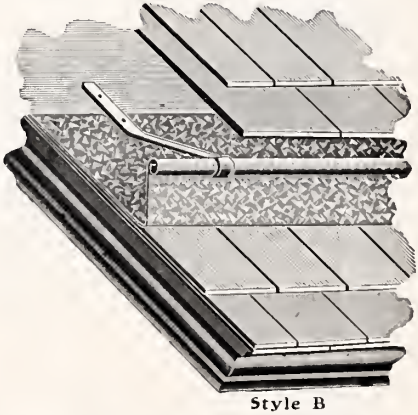


No. 1 No. 2

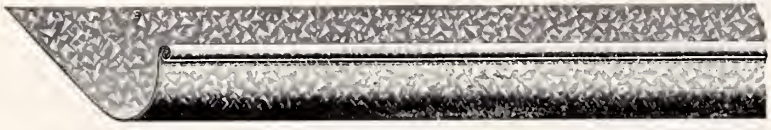
Plain Roof Gutters



Style A



Style B



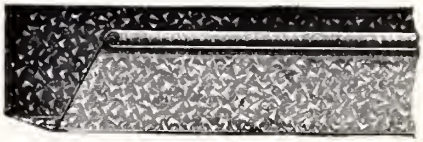
Style A

Style B

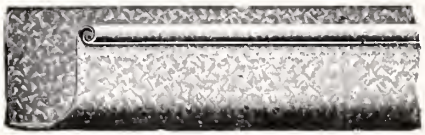
FOR PRICES SEE NEXT PAGE

Quarter Circle, O. G., and Box Gutters

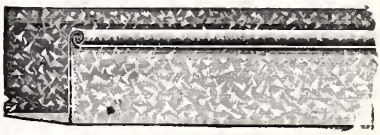
Style C



Style D

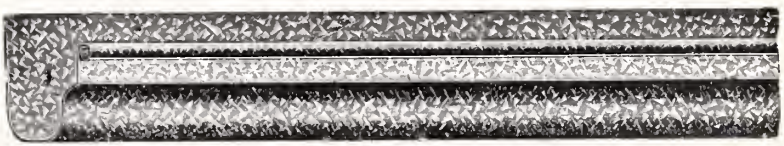


Style E



Style F

Style G



Style H

Style J

PRICE LIST PER LINEAL FOOT—Galvanized Steel and Galvanized Charcoal Iron

	COMBIN. Nos. 1 and 2. STYLES "A," "B," "C," "D," "E," "F," "G," "H"											
Girth . . . . . inches	10	12	14	15	16	18	20	22	24	26	28	30
Standard Gauge	.25	.30	.35	.37	.40	.45	.50	.55	.60	.65	.70	.75
27 "	.29	.34	.39	.41	.48	.53	.58	.63	.68	.73	.78	.83
26 "	.31	.36	.41	.43	.52	.57	.62	.67	.72	.77	.82	.87
24 "	.49	.54	.59	.61	.64	.69	.74	.79	.84	.89	.94	.99
	STYLE "J"											
Girth . . . . . inches	10	12	14	15	16	18	20	22	24	26	28	30
Standard Gauge	.30	.36	.42	.45	.48	.54	.60	.66	.72	.78	.84	.90
27 "	.34	.40	.46	.49	.56	.62	.68	.74	.80	.86	.92	.98
26 " . . .	.36	.42	.48	.51	.60	.66	.72	.78	.84	.90	.96	1.02
24 "	.64	.60	.66	.69	.72	.78	.84	.90	.96	1.02	1.08	1.14

Hangers for A and B—Black . . . . . each, $0.06
Hangers for A and B—Galvanized . . . . . each, .08

Eave Trough or Gutter

STANDARD SIZES AND GAUGES

GALVANIZED STEEL AND GALVANIZED CHARCOAL IRON

SINGLE BEAD LAP JOINT, PER LINEAL FOOT

Size . . . inches	3	3½	4	4½	5	6	7	8	9	10
Standard Gauge . .	.13	.14	.16	.18	.19	.23	.27	.30	.36	.40
27 " . .	.17	.18	.20	.22	.23	.27	.31	.34	.40	.44
26 " . .	.19	.20	.22	.24	.25	.29	.33	.36	.42	.46
24 " . .	.25	.26	.28	.30	.31	.35	.39	.42	.48	.52

DOUBLE BEAD LAP JOINT, PER LINEAL FOOT

Size . . . inches	3	3½	4	4½	5	6	7	8	9	10
Standard Gauge . .	.16	.17	.19	.21	.22	.26	.30	.33	.39	.43
27 " . .	.20	.21	.23	.25	.26	.30	.34	.37	.43	.47
26 " . .	.22	.23	.25	.27	.28	.32	.36	.39	.45	.49
24 " . .	.28	.29	.31	.33	.34	.38	.42	.45	.51	.55

SINGLE BEAD SLIP JOINT, PER LINEAL FOOT

Size . . . inches	3	3½	4	4½	5	6	7	8	9	10
Standard Gauge . .	.14	.15	.17	.19	.20	.24	.28	.31	.37	.41
27 " . .	.18	.19	.21	.23	.24	.28	.32	.35	.41	.45
26 " . .	.20	.21	.23	.25	.26	.30	.34	.37	.43	.47
24 " . .	.26	.27	.29	.31	.32	.36	.40	.43	.49	.53

DOUBLE BEAD SLIP JOINT, PER LINEAL FOOT

Size . . . inches	3	3½	4	4½	5	6	7	8	9	10
Standard Gauge . .	.17	.18	.20	.22	.23	.27	.31	.34	.40	.44
27 " . .	.21	.22	.24	.26	.27	.31	.35	.38	.44	.48
26 " . .	.23	.24	.26	.28	.29	.33	.37	.40	.46	.50
24 " . .	.29	.30	.32	.34	.35	.39	.43	.46	.52	.56

COLD ROLLED COPPER

SINGLE BEAD LAP JOINT, PER LINEAL FOOT

Size . . . . . inches	3	3½	4	5	6	7	8	9	10
14 ounces	.31	.36	.40	.50	.61	.71	.82	.91	1.00
16 "	.33	.39	.44	.54	.66	.77	.88	.98	1.08
20 "	.41	.49	.55	.67	.83	.96	1.10	1.22	1.34

DOUBLE BEAD LAP JOINT, PER LINEAL FOOT

Size . . . . inches	3	3½	4	5	6	7	8	9	10
14 ounces	.37	.42	.46	.56	.67	.77	.88	1.00	1.12
16 "	.39	.45	.50	.60	.72	.83	.94	1.07	1.20
20 "	.49	.57	.63	.75	.91	1.04	1.18	1.34	1.50

SINGLE BEAD SLIP JOINT, PER LINEAL FOOT

Size . . . . . inches	3	3½	4	5	6	7	8	9	10
14 ounces	.34	.39	.43	.53	.64	.74	.85	.96	1.06
16 "	.36	.42	.47	.57	.69	.80	.91	1.03	1.14
20 "	.45	.53	.59	.71	.87	1.00	1.14	1.28	1.42

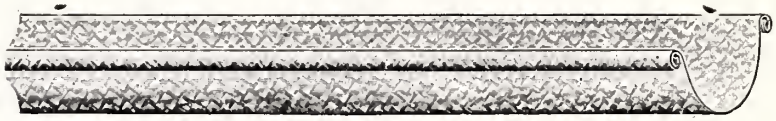
DOUBLE BEAD SLIP JOINT, PER LINEAL FOOT

Size . . . . inches	3	3½	4	5	6	7	8	9	10
14 ounces	.40	.45	.49	.59	.70	.80	.91	1.05	1.18
16 "	.42	.48	.53	.63	.75	.86	.97	1.12	1.26
20 "	.53	.61	.67	.79	.95	1.08	1.22	1.40	1.58

Discount.....per cent.

In ordering state whether lap or slip joint, also style bead wanted.

Eave Trough or Gutter



GALVANIZED STEEL (Heavy Gauges)

SINGLE BEAD LAP JOINT, PER LINEAL FOOT

Size . . . inches	3	3½	4	4½	5	6	7	8	9	10
22 Gauge	.43	.44	.46	.48	.49	.53	.57	.60	.65	.69
20 "	.53	.54	.56	.58	.59	.63	.67	.70	.75	.79
18 "	.63	.64	.66	.68	.69	.73	.77	.80	.85	.89

DOUBLE BEAD LAP JOINT, PER LINEAL FOOT

Size . . . inches	3	3½	4	4½	5	6	7	8	9	10
22 Gauge . . .	.53	.54	.56	.58	.59	.63	.67	.70	.75	.79
20 "	.63	.64	.66	.68	.69	.73	.77	.80	.85	.89
18 "	.73	.74	.76	.78	.79	.83	.87	.90	.95	.99

SINGLE BEAD SLIP JOINT, PER LINEAL FOOT

Size . . . inches	3	3½	4	4½	5	6	7	8	9	10
22 Gauge	.45	.46	.48	.50	.51	.55	.59	.62	.67	.71
20 "	.55	.56	.58	.60	.61	.65	.69	.72	.77	.81
18 "	.65	.66	.68	.70	.71	.75	.79	.82	.87	.91

DOUBLE BEAD SLIP JOINT, PER LINEAL FOOT

Size . . . inches	3	3½	4	4½	5	6	7	8	9	10
22 Gauge	.55	.56	.58	.60	.61	.65	.69	.72	.77	.81
20 "	.65	.66	.68	.70	.71	.75	.79	.82	.87	.91
18 "	.75	.76	.78	.80	.81	.85	.89	.92	.97	1.01

GALVANIZED CHARCOAL IRON (Heavy Gauges)

SINGLE BEAD LAP JOINT, PER LINEAL FOOT

Size . . . inches	3	3½	4	4½	5	6	7	8	9	10
22 Gauge	.56	.58	.61	.64	.66	.71	.76	.80	.87	.92
20 "	.70	.72	.75	.77	.79	.84	.89	.94	1.00	1.05
18 "	.84	.85	.88	.90	.92	.97	1.02	1.07	1.12	1.18

DOUBLE BEAD LAP JOINT, PER LINEAL FOOT

Size . . . inches	3	3½	4	4½	5	6	7	8	9	10
22 Gauge . . .	.66	.68	.71	.74	.76	81	.86	.90	.97	1.02
20 " . .	.80	.82	.85	.87	.89	.94	.99	1.04	1.10	1.15
18 "	.94	.95	.98	1.00	1.02	1.07	1.12	1.17	1.22	1.28

SINGLE BEAD SLIP JOINT, PER LINEAL FOOT

Size . . . inches	3	3½	4	4½	5	6	7	8	9	10
22 Gauge	.58	.60	.63	.66	.68	.73	.78	.82	.89	.94
20 "	.72	.74	.77	.79	.81	.86	.91	.96	1.02	1.07
18 "	.86	.87	.90	92	.94	.99	1.04	1.09	1.14	1.20

DOUBLE BEAD SLIP JOINT, PER LINEAL FOOT

Size inches	3	3½	4	4½	5	6	7	8	9	10
22 Gauge	.68	.70	.73	.76	.78	.83	.88	.92	.99	1.04
20 " . . .	.82	.84	.87	.89	.91	.96	1.01	1.06	1.12	1.17
18 " . .	.96	.97	1.00	1.02	1.04	1.09	1.14	1.19	1.24	1.30

Discount.....per cent.

In ordering state whether single or double bead, also style joint wanted.

AVERY LIBRARY
COLUMBIA UNIVERSITY

DISCOUNT SHEET.

GALVANIZED LAP JOINT GUTTER.

Net Prices per 100 feet on each size at Various Discounts.

SIZE.	3 in. per 100 ft.	3½ in. per 100 ft.	4 in. per 100 ft.	4½ in. per 100 ft.	5 in. per 100 ft.	6 in. per 100 ft.	7 in. per 100 ft.	8 in. per 100 ft.	10 in. per 100 ft.
LIST.	$13 00	$14.00	$16.00	$18.00	$19.00	$23.00	$27.00	$30.00	$37.00
80-25-5 %	$1.85	$1.99	$2.28	$2.56	$2.71	$3.28	$3.85	$4.27	$5.27
85-5	1.85	1.99	2.28	2.56	2.71	3.28	3.85	4.27	5.27
80-10-10-10	1.90	2.04	2.33	2.63	2.77	3.36	3.93	4.37	5.39
80-20-5-2½	1.93	2.08	2.37	2.67	2.82	3.41	4.00	4.45	5.48
80-25	1.95	2.10	2.40	2.70	2.85	3.45	4.05	4.50	5.55
85	1.95	2.10	2.40	2.70	2.85	3.45	4.05	4.50	5.55
80-20-5	1.98	2.13	2.43	2.74	2.89	3.50	4.10	4.56	5.62
80-10-10-5	2.00	2.16	2.46	2.77	2.93	3.56	4.15	4.62	5.69
80-10-10-2½	2.06	2.21	2.53	2.85	3.00	3.64	4.26	4.74	5.84
80-20	2.08	2.24	2.56	2.88	3.04	3.68	4.32	4.80	5.92
80-10-10	2.11	2.27	2.59	2.92	3.08	3.73	4.37	4.86	5.99
80-10-5-2½	2.16	2.33	2.67	3.00	3.17	3.83	4.50	5.00	6.17
80-10-5	2.22	2.39	2.74	3.08	3.25	3.93	4.62	5.13	6.33
80-10-2½	2.27	2.46	2.81	3.16	3.33	4.04	4.74	5.26	6.49
80-10	2.34	2.52	2.88	3.24	3.42	4.14	4.86	5.40	6.66
80-5-2½	2.41	2.59	2.96	3.33	3.52	4.26	5.00	5.56	6.85
80-5	2.47	2.66	3.04	3.42	3.61	4.37	5.13	5.70	7.03
80-2½	2.53	2.73	3.12	3.51	3.70	4.48	5.26	5.85	7.21
80	2.60	2.80	3.20	3.60	3.80	4.60	5.40	6.00	7.40
75-10-10	2.63	2.83	3.24	3.64	3.84	4.65	5.46	6.07	7.49
75-10-5-2½	2.70	2.92	3.33	3.75	3.96	4.79	5.63	6.25	7.70
75-15	2.76	2.98	3.40	3.83	4.04	4.89	5.74	6.38	7.86
75-10-5	2.77	2.99	3.42	3.85	4.06	4.91	5.77	6.41	7.90
75-12½	2.84	3.06	3.50	3.94	4.16	5.03	5.91	6.56	8.09
75-10-2½	2.85	3.07	3.51	3.95	4.16	5.04	5.92	6.58	8.11
75-10	2.92	3.15	3.60	4.05	4.27	5.17	6.07	6.75	8.32
75-7½	3.01	3.24	3.70	4.16	4.39	5.32	6.24	6.94	8.56
75-5-2½	3.01	3.24	3.70	4.16	4.40	5.32	6.25	6.95	8.57
75-5	3.09	3.32	3.80	4.27	4.51	5.46	6.41	7.12	8.79
75-2½	3.17	3.41	3.90	4.39	4.63	5.61	6.58	7.31	9.02
75	3.25	3.50	4.00	4.50	4.75	5.75	6.75	7.50	9.25
70-15	3.31	3.57	4.08	4.59	4.85	5.87	6.89	7.65	9.44
60-25-15	3.32	3.57	4.08	4.59	4.85	5.87	6.89	7.65	9.44
70-12½	3.41	3.67	4.20	4.72	4.99	6.04	7.09	7.87	9.71
60-25-12½	3.41	3.67	4.20	4.72	4.99	6.04	7.09	7.87	9.71
70-10	3.51	3.78	4.32	4.86	5.13	6.21	7.29	8.10	9.99
60-25-10	3.51	3.78	4.32	4.86	5.13	6.21	7.29	8.10	9.99
70-7½	3.61	3.88	4.44	4.99	5.27	6.38	7.49	8.32	10.27
70-5	3.70	3.99	4.56	5.13	5.41	6.55	7.69	8.55	10.54
60-25-5	3.70	3.99	4.56	5.13	5.41	6.55	7.69	8.55	10.54
70-2½	3.80	4.09	4.68	5.26	5.56	6.73	7.90	8.77	10.82
60-25-2½	3.80	4.09	4.68	5.26	5.56	6.73	7.90	8.77	10.82
70	3.90	4.20	4.80	5.40	5.70	6.90	8.10	9.00	11.10
60-20-5	3.95	4.26	4.86	5.47	5.78	6.99	8.21	9.12	11.25
60-22½	4.03	4.34	4.96	5.58	5.89	7.13	8.37	9.30	11.47
60-20-2½	4.06	4.37	4.99	5.62	5.93	7.18	8.42	9.36	11.54
60-20	4.16	4.48	5.12	5.76	6.08	7.36	8.64	9.60	11.84
60-17½	4.29	4.62	5.28	5.94	6.27	7.59	8.91	9.90	12.21
60-15	4.42	4.76	5.44	6.12	6.46	7.82	9.18	10.20	12.58
60-12½	4.55	4.90	5.60	6.30	6.65	8.05	9.45	10.50	12.95
60-10-2½	4.56	4.91	5.62	6.32	6.67	8.07	9.48	10.53	12.99
60-10	4.68	5.04	5.76	6.48	6.84	8.28	9.72	10.80	13.32
60-7½	4.81	5.18	5.92	6.66	7.03	8.51	9.99	11.10	13.69
60-5	4.94	5.32	6.08	6.84	7.22	8.74	10.36	11.40	14.06
60-2½	5.07	5.46	6.24	7.02	7.41	8.97	10.53	11.70	14.43
60	5.20	5.60	6.40	7.20	7.60	9.20	10.80	12.00	14.80

DISCOUNT SHEET.

GALVANIZED SLIP JOINT GUTTER.

Net Prices per 100 feet on each size at Various Discounts.

SIZE.	3 in. per 100 ft.	3½ in. per 100 ft.	4 in. per 100 ft.	4½ in. per 100 ft.	5 in. per 100 ft.	6 in. per 100 ft.	7 in. per 100 ft.	8 in. per 100 ft.	10 in. per 100 ft.
LIST.	$14.00	$15.00	$17.00	$19.00	$20.00	$24.00	$28.00	$31.00	$38.00
80-25-5 ⅋	$1.99	$2.14	$2.42	$2.71	$2.85	$3.42	$3.99	$4.42	$5.41
85-5	1.99	2.14	2.42	2.71	2.85	3.42	3.99	4.42	5.41
80-10-10-10	2.04	2.19	2.47	2.77	2.92	3.50	4.09	4.52	5.54
80-20-5-2½	2.08	2.22	2.52	2.82	2.96	3.56	4.15	4.59	5.64
80-25	2.10	2.25	2.55	2.85	3.00	3.60	4.20	4.65	5.70
85	2.10	2.25	2.55	2.85	3.00	3.60	4.20	4.65	5.70
80-20-5	2.13	2.28	2.58	2.89	3.04	3.65	4.26	4.71	5.78
80-10-10-5	2.16	2.31	2.61	2.93	3.08	3.70	4.31	4.77	5.85
80-10-10-2½	2.21	2.37	2.68	3.00	3.16	3.79	4.43	4.89	6.01
80-20	2.24	2.40	2.72	3.04	3.20	3.84	4.48	4.96	6.08
80-10-10	2.27	2.43	2.75	3.08	3.24	3.89	4.54	5.02	6.16
80-10-5-2½	2.33	2.50	2.84	3.17	3.33	4.00	4.67	5.17	6.34
80-10-5	2.39	2.56	2.91	3.25	3.42	4.10	4.79	5.30	6.50
80-10-2½	2.46	2.63	2.98	3.33	3.51	4.21	4.91	5.44	6.67
80-10	2.52	2.70	3.06	3.42	3.60	4.32	5.04	5.58	6.84
80-5-2½	2.59	2.78	3.15	3.52	3.70	4.45	5.19	5.74	7.04
80-5	2.66	2.85	3.23	3.61	3.80	4.56	5.32	5.89	7.22
80-2½	2.73	2.92	3.31	3.70	3.90	4.68	5.46	6.04	7.41
80	2.80	3.00	3.40	3.80	4.00	4.80	5.60	6.20	7.60
75-10-10	2.83	3.03	3.44	3.84	4.05	4.86	5.67	6.27	7.69
75-10-5-2½	2.92	3.12	3.54	3.96	4.16	5.00	5.83	6.45	7.92
75-15	2.98	3.19	3.61	4.04	4.25	5.10	5.95	6.59	8.08
75-10-5	2.99	3.20	3.63	4.06	4.27	5.13	5.98	6.62	8.12
75-12½	3.06	3.28	3.72	4.16	4.37	5.25	6.12	6.78	8.31
75-10-2½	3.07	3.29	3.72	4.16	4.39	5.26	6.14	6.80	8.34
75-10	3.15	3.37	3.82	4.27	4.50	5.40	6.30	6.97	8.55
75-7½	3.24	3.47	3.93	4.39	4.62	5.55	6.47	7.17	8.79
75-5-2½	3.24	3.47	3.94	4.40	4.63	5.56	6.48	7.18	8.79
75-5	3.32	3.56	4.04	4.51	4.75	5.70	6.65	7.36	9.02
75-2½	3.41	3.66	4.14	4.63	4.87	5.85	6.82	7.56	9.26
75	3.50	3.75	4.25	4.75	5.00	6.00	7.00	7.75	9.50
70-15	3.57	3.83	4.34	4.85	5.10	6.12	7.14	7.91	9.69
60-25-15	3.57	3.83	4.34	4.85	5.10	6.12	7.14	7.91	9.69
70-12½	3.67	3.94	4.46	4.99	5.25	6.30	7.35	8.14	9.97
60-25-12½	3.67	3.94	4.46	4.99	5.25	6.30	7.35	8.14	9.97
70-10	3.78	4.05	4.59	5.13	5.40	6.48	7.56	8.37	10.26
60-25-10	3.78	4.05	4.59	5.13	5.40	6.48	7.56	8.37	10.26
70-7½	3.88	4.16	4.72	5.27	5.55	6.66	7.77	8.60	10.54
70-5	3.99	4.27	4.84	5.41	5.70	6.84	7.98	8.83	10.83
60-25-5	3.99	4.27	4.84	5.41	5.70	6.84	7.98	8.83	10.83
70-2½	4.09	4.39	4.97	5.56	5.85	7.02	8.19	9.07	11.11
60-25-2½	4.09	4.39	4.97	5.56	5.85	7.02	8.19	9.07	11.11
70	4.20	4.50	5.10	5.70	6.00	7.20	8.40	9.30	11.40
60-20-5	4.26	4.56	5.17	5.78	6.08	7.30	8.51	9.42	11.55
60-22½	4.34	4.65	5.27	5.89	6.20	7.44	8.68	9.61	11.78
60-20-2½	4.37	4.68	5.30	5.93	6.24	7.49	8.74	9.67	11.86
60-20	4.48	4.80	5.44	6.08	6.40	7.68	8.96	9.92	12.16
60-17½	4.62	4.95	5.61	6.27	6.60	7.92	9.24	10.23	12.54
60-15	4.76	5.10	5.78	6.46	6.80	8.16	9.52	10.54	12.92
60-12½	4.90	5.25	5.95	6.65	7.00	8.40	9.80	10.85	13.30
60-10-2½	4.91	5.26	5.97	6.67	7.02	8.42	9.83	10.88	13.34
60-10	5.04	5.40	6.12	6.84	7.20	8.64	10.08	11.16	13.68
60-7½	5.18	5.55	6.29	7.03	7.40	8.88	10.36	11.47	14.06
60-5	5.32	5.70	6.46	7.22	7.60	9.12	10.64	11.78	14.44
60-2½	5.46	5.85	6.63	7.41	7.80	9.36	10.92	12.09	14.82
60	5.60	6.00	6.80	7.60	8.00	9.60	11.20	12.40	15.20

Plain Round Conductor Pipe

LIST PRICES PER FOOT

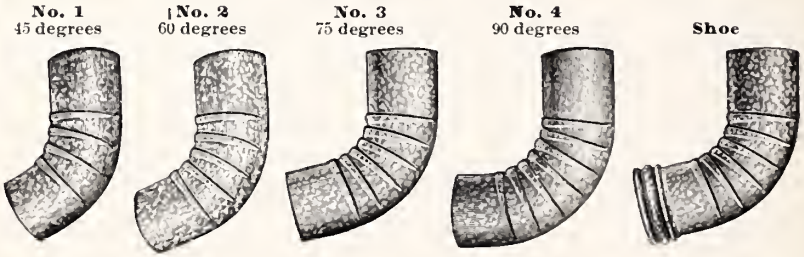
SIZES	Galvanized Steel, Galvanized Charcoal Iron	14 oz. Copper	16 oz. Copper
1½ inches	$0 11	$0.40	$0.43
2 "	.13	.40	.43
2½ "	.14	.50	.54
3 "	.15	.50	.54
4 "	.20	.65	.70
5 "	.25	.85	.92
6 "	.30	1.00	1.08

Extras to be added to List Prices.

Galvanized 27 gauge, 4c. per ft. 26 gauge, 6c. per ft. 24 gauge, 12c. per ft.

18, 20 and 22 gauge quoted on request.

Plain Round Elbows and Shoes



PRICE LIST

SIZE	Galvanized Steel		Galv'd C. C. Iron		14 Oz. Copper		16 Oz. Copper	
	Elbows	Shoes	Elbows	Shoes	Elbows No. 0, 1, 2, 3	Shoes and No. 4 Elbows	Elbows No. 0, 1, 2, 3	Shoes and No. 4 Elbows
2 in.	$0.25	$0.30	$0.40	$0.50	$0.70	$0.75	$0.75	$0.85
2½ "	.30	.40	.45	.60	.90	1 00	1 00	1.10
3 "	.30	.40	.45	.60	.90	1.00	1.00	1.10
3½ "	.50	.60	.75	.90	1.35	1.50	1.50	1.65
4 "	.50	.60	.75	.90	1.35	1.50	1.50	1.65
5 "	.90	1.20	1.20	1.50	2.00	2.25	2 25	2.50
6 "	1.10	1.40	1.40	1.70	2.85	3.15	3.15	3.50

DISCOUNTS:
- Standard Gauge..... .....%
- No. 26 Gauge..... %
- No. 24 Gauge..... %

Discount.....%

Always specify the angle wanted when ordering.
No. 3 Elbows always shipped unless otherwise ordered.

Corrugated Round Expanding Conductor

Made in 10-foot lengths without cross seams.

LIST PRICES PER FOOT

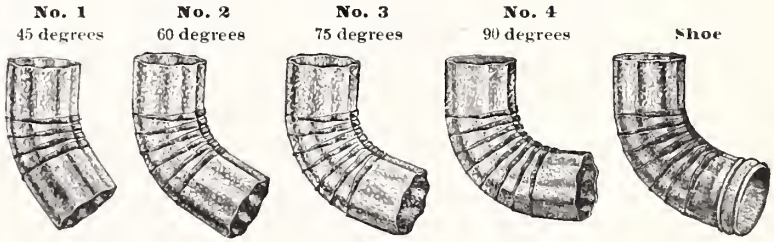
SIZES	Galvanized Steel, Galvanized Charcoal Iron	14 Oz. Copper	16 Oz. Copper
1½ inches	$0.11	$0.40	$0.43
2 "	.13	.40	.43
2½ "	.14	.50	.54
3 "	.15	.50	.54
4 "	.20	.65	.70
5 "	.25	.85	.92
6 "	.30	1.00	1.08

Extras to be added to List Prices.

Galvanized 27 gauge, 4c. per ft. 26 gauge, 6c. per ft. 24 gauge, 12c. per ft.

18, 20 and 22 gauge quoted on request.

One-Piece Round Expanding Elbows and Shoes



PRICE LIST

SIZE	Galvanized Steel		Galv'd C. C. Iron		14 Oz. Copper		16 Oz. Copper	
	Elbows	Shoes	Elbows	Shoes	Elbows No. 0, 1, 2, 3	Shoes and No. 4 Elbows	Elbows No. 0, 1, 2, 3	Shoes and No. 4 Elbows
2 in.	$0.25	$0.30	$0.40	$0.50	$0.70	$0.75	$0.75	$0.85
2½ "	.30	.40	.45	.60	.90	1.00	1.00	1.10
3 "	.30	.40	.45	.60	.90	1.00	1.00	1.10
3½ "	.50	.60	.75	.90	1.35	1.50	1.50	1.65
4 "	.50	.60	.75	.90	1.35	1.50	1.50	1.65
5 "	.90	1.20	1.20	1.50	2.00	2.25	2.25	2.50
6 "	1.10	1.40	1.40	1.70	2.85	3.15	3.15	3.50

DISCOUNTS:

Standard Gauge..... %
No. 26 Gauge..... %
No. 24 Gauge..... %

COPPER

Discount..... %

Always specify the angle wanted when ordering.
No. 3 Elbows always shipped unless otherwise ordered.

Corrugated Square Expanding Conductor

Made in 10-foot lengths without a cross seam.

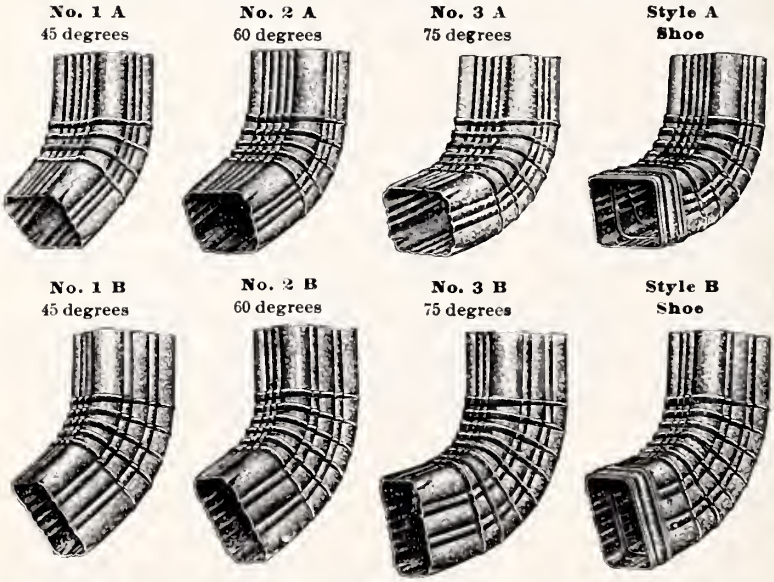
LIST PRICES PER FOOT

SIZES	Corresponding to	Galvanized Steel, Galvanized Charcoal Iron	14 Oz. Copper	16 Oz. Copper
1¾ x 2¼ inches	2 inches	$0.14	$0.42	$0.45
2¼ x 3¼ "	3 "	.16	.52	.56
2¾ x 4¼ "	4 "	.21	.67	.72
3½ x 5 "	5 "	.26	.87	.94

Extras to be added to List Prices.

Galvanized 27 gauge, 4c. per ft. 26 gauge, 6c. per ft. 24 gauge, 12c. per ft.

Square Corrugated Elbows and Shoes



PRICE LIST

SIZE Inch	Galvanized Steel		Galv'd C. C. Iron		14 Oz. Copper		16 Oz. Copper	
	Elbows	Shoes	Elbows	Shoes	Elbows No. 0, 1, 2, 3	Shoes and No. 4 Elbows	Elbows No. 0, 1, 2, 3	Shoes and No. 4 Elbows
1¾x2¼	$0.40	$0.48	$0.60	$0.72	$0.85	$0.90	$0.90	$1.05
2¼x3¼	.45	.54	.67	.81	1.10	1.20	1.20	1.35
2¾x4¼	.60	.72	.90	1.08	1.60	1.80	1.80	2.00
3½x5	.90	1.08	1.35	1.62	2.40	2.75	2.75	3.00

DISCOUNTS: Standard Gauge.....%
No. 26 Gauge.....%
No. 24 Gauge.....%

COPPER
Discount.....%

In ordering Elbows and Shoes parties will please state the angles required according as numbered in the above cuts. No. 3 Elbows always shipped unless otherwise ordered.

DISCOUNT SHEET.

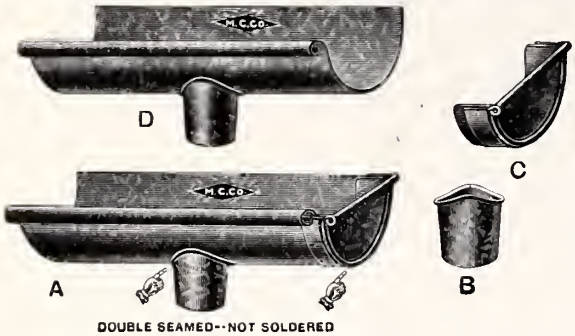
GALVANIZED CONDUCTOR PIPE.

Using Plain Round and Round Corrugated Lists.
Showing Net Prices per 100 on Each Size at Various Discounts.

SIZE.	2 inch per 100 ft.	2½ inch per 100 ft.	3 inch per 100 ft.	3½ inch per 100 ft.	4 inch per 100 ft.	5 inch per 100 ft.	6 inch per 100 ft
LIST.	$13.00	$15.00	$15.00	$20.00	$20.00	$25.00	$30.00
80-25-5%	$1.85	$2.14	$2.14	$2.85	$2.85	$ 3.56	$4.27
85-5	1.85	2.14	2.14	2.85	2.85	3.56	4.27
80-10-10-10	1.90	2.19	2.19	2.92	2.92	3.64	4.37
80-20-5-2½	1.93	2.22	2.22	2.96	2.96	3.70	4.45
80-25	1.95	2.25	2.25	3.00	3.00	3.75	4.50
85	1.95	2.25	2.25	3.00	3.00	3.75	4.50
80-20-5	1.98	2.28	2.28	3.04	3.04	3.80	4.56
80-10-10-5	2.00	2.31	2.31	3.08	3.08	3.85	4.62
80-10-10-2½	2.06	2.37	2.37	3.16	3.16	3.95	4.74
80-20	2.08	2.40	2.40	3.20	3.20	4.00	4.80
80-10-10	2.11	2.43	2.43	3.24	3.24	4.05	4.86
80-10-5-2½	2.16	2.50	2.50	3.33	3.33	4.16	5.00
80-10-5	2.22	2.56	2.56	3.42	3.42	4.27	5.13
80-10-2½	2.27	2.63	2.63	3.51	3.51	4.39	5.26
80-10	2.34	2.70	2.70	3.60	3.60	4.50	5.40
80-5-2½	2.41	2.78	2.78	3.70	3.70	4.63	5.56
80-5	2.47	2.85	2.85	3.80	3.80	4.75	5.70
80-2½	2.53	2.92	2.92	3.90	3.90	4.87	5.85
80	2.60	3.00	3.00	4.00	4.00	5.00	6.00
75-10-10	2.63	3.03	3.03	4.05	4.05	5.06	6.07
75-10-5-2½	2.70	3.12	3.12	4.16	4.16	5.21	6.25
75-15	2.76	3.19	3.19	4.25	4.25	5.31	6.38
75-10-5	2.77	3.20	3.20	4.27	4.27	5.34	6.41
75-12½	2.84	3.28	3.28	4.37	4.37	5.47	6.56
75-10-2½	2.85	3.29	3.29	4.39	4.39	5.48	6.58
75-10	2.92	3.37	3.37	4.50	4.50	5.62	6.75
75-7½	3.01	3.47	3.47	4.62	4.62	5.78	6.94
75-5-2½	3.01	3.47	3.47	4.63	4.63	5.79	6.94
75-5	3.09	3.56	3.56	4.75	4.75	5.94	7.12
75-2½	3.17	3.66	3.66	4.87	4.87	6.09	7.31
75	3.25	3.75	3.75	5.00	5.00	6.25	7.50
70-15	3.31	3.83	3.83	5.10	5.10	6.38	7.65
60-25-15	3.32	3.83	3.83	5.10	5.10	6.38	7.65
70-12½	3.41	3.94	3.94	5.25	5.25	6.56	7.87
60-25-12½	3.41	3.94	3.94	5.25	5.25	6.56	7.87
70-10	3.51	4.05	4.05	5.40	5.40	6.75	8.10
60-25-10	3.51	4.05	4.05	5.40	5.40	6.75	8.10
70-7½	3.61	4.16	4.16	5.55	5.55	6.94	8.32
70-5	3.70	4.27	4.27	5.70	5.70	7.12	8.55
60-25-5	3.70	4.27	4.27	5.70	5.70	7.12	8.55
70-2½	3.80	4.39	4.39	5.85	5.85	7.31	8.77
60-25-2½	3.80	4.39	4.39	5.85	5.85	7.31	8.77
70	3.90	4.50	4.50	6.00	6.00	7.50	9.00
60-20-5	3.95	4.56	4.56	6.08	6.08	7.60	9.12
60-22½	4.03	4.65	4.65	6.20	6.20	7.75	9.30
60-20-2½	4.06	4.68	4.68	6.24	6.24	7.80	9.36
60-20	4.16	4.80	4.80	6.40	6.40	8.00	9.60
60-17½	4.29	4.95	4.95	6.60	6.60	8.25	9.90
60-15	4.42	5.10	5.10	6.80	6.80	8.50	10.20
60-12½	4.55	5.25	5.25	7.00	7.00	8.75	10.50
60-10-2½	4.56	5.26	5.26	7.02	7.02	8.77	10.53
60-10	4.68	5.40	5.40	7.20	7.20	9.00	10.80
60-7½	4.81	5.55	5.55	7.40	7.40	9.25	11.10
60-5	4.94	5.70	5.70	7.60	7.60	9.50	11.40
60-2½	5.07	5.85	5.85	7.80	7.80	9.75	11.70
60	5.20	6.00	6.00	8.00	8.00	10.00	12.00

"MILCOR" End-Pieces DOUBLE SEAMED

Not Soldered
Cannot Come Apart



DOUBLE SEAMED--NOT SOLDERED

PRICE LIST PER DOZEN

SIZE	"A" Complete	"D" Without C Ends	"B" Drops Only	"C" Ends Only
2 in.	$.....	$	$0.60	$ .....
2½ in.	.....	.....	.65	.....
3 in.	.....	.....	.75	.....
3½ in.	2.80	1.85	.80	.95
4 in.	3.10	2.00	.85	1.10
5 in.	3.45	2.25	.95	1.20
6 in.	4.15	2.70	1.20	1.45
7 in.	4.70	3.00	.....	1.70
8 in.	5.25	3.15	.....	2.10

For Double Bead A and D End Pieces add 50 cents per dozen to above list.

Gutter Mitres

OUTSIDE SLIP JOINT

INSIDE LAP JOINT

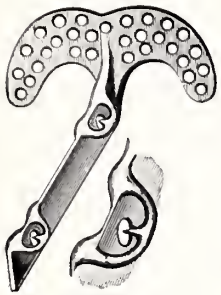
Standard Lists, per Dozen, for both Galvanized Steel and Genuine Charcoal Iron Galvanized Mitres.

Inch Size	Slip Joint Single Bead			Lap Joint Single Bead			Slip Joint Double Bead			Lap Joint Double Bead			Inch Size
	Standard	No. 26	No. 24	Standard	No. 26	No. 24	Standard	No. 26	No. 24	Standard	No. 26	No. 24	
3	$2.75	$3.60	$4.50	$2.25	$3.00	$3.75	$3.25	$4.20	$5.20	$2.75	$3.60	$4.50	3
3½	3.00	3.90	4.80	2.50	3.25	4.00	3.50	4.50	5.50	3.00	3.90	4.80	3½
4	3.25	4.25	5.25	2.75	3.60	4.50	3.75	4.90	6.00	3.25	4.25	5.25	4
4½	3.40	4.50	5.60	2.90	3.80	4.80	3.90	5.10	6.30	3.40	4.50	5.60	4½
5	3.50	4.65	5.80	3.00	3.90	4.80	4.00	5.20	6.50	3.50	4.65	5.80	5
6	4.00	5.20	6.50	3.50	4.50	5.50	4.50	5.85	7.25	4.00	5.20	6.50	6
7	4.75	6.25	7.75	4.25	5.75	6.75	5.25	6.75	8.25	4.75	6.25	7.75	7
8	5.50	7.25	9.00	5.00	6.50	8.00	6.00	7.90	10.00	5.50	7.25	9.00	8

Discount.....per cent.

Unless otherwise ordered Half rights and lefts, Half inside and outside slip joints will be shipped.

Standing-Seam Roof Irons



Patented October 31, 1893

Designed to dispense with snow rails or gutters formed on the roof to prevent snow sliding. They clamp fast to the roof by clinching the lugs through the standing seam.

Made of the best Malleable Iron.

PRICE PER 100	Black	Tinned
No. 1 for standing seam.....	$6.00	$8.00

Discount.....per cent.

No. 2 Slate Roof Irons

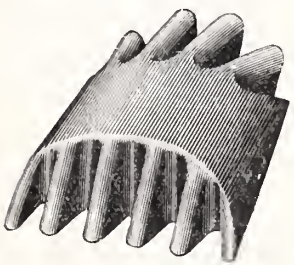
The No. 2 is riveted on $\frac{3}{16}$ x 1 inch iron plates, 12 inches long, to go 8 inches under the slate.

It is very ornamental on a roof and must be seen to be fully appreciated.

PRICE PER 100	Black	Tinned
No. 2, for slate roof, complete,	$8.00	$11.00
No. 2, Roof Irons, without plate;	4.50	5.50

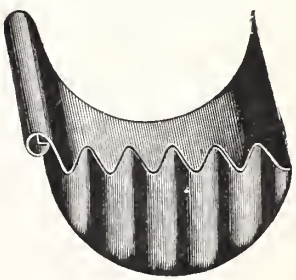
Discount.....per cent.

Bishop's Quick Working Gutter End Formers



PATENTED JAN. 25, 1898
THE TOOL

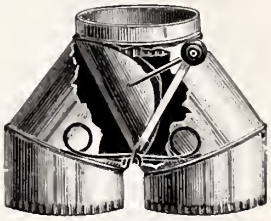
Sizes	Price Each
3½ inch.....	$ .50
4 inch.....	.60
4½ inch.....	.65
5 inch.....	.75
6 inch.....	1.00



THE WORK

HOW TO USE.—Cut end of trough on about a half circle, cutting bead a little short with snips. The pattern will readily be gotten by the eye after one or two trials. Place sloping end of form in gutter about even with end. Start iron into grooves; then reverse form and set up the iron into grooves on right angle end with a dull pean hammer. Don't give up on the first trial as there is a little knack in doing the work neatly. Start all the grooves a little before setting them down, commencing with outside ones. Clamp the form in place on first trial—you will not need the clamp after a few trials.

Perfection Rain Water Cut Offs



Close automatically, and have a positive self-locking device which cannot get out of order.
Packed 12 in a crate.
Price List Below

CORRUGATED

Kuehn's Correct Cut Offs

No solder used in making.

Galvanized after made.

Unequaled for Strength.

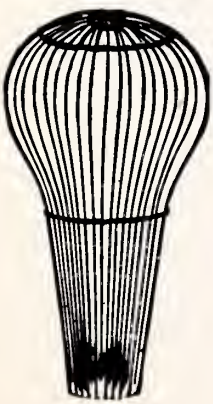
LIST PRICE PER DOZEN

Size	Tin	Galvanized
2 inches	$5.00	$7.00
3 "	6.00	8.00
4 "	9.00	11.00
5 "	14.00	20.00
6 "	20.00	24.00

Packed 12 in a crate.

PLAIN

Galvanized Wire Conductor Strainers



PRICE LIST PER DOZEN

2 inches	$1.50
3 "	2.00
4 "	3.00
5 "	3.50
6 "	4.00

Discount.....per cent.

Adjustable Steel Eaves Trough Hanger

LIST PRICES PER GROSS

With Rods and Nuts Complete	With Rods	With Straps
3 inch	$3.75	$3.50
3½ "	4.00	3.50
4 "	4.25	3.75
4½ "	4.35	3.85
5 "	4.50	4.00
6 "	5.00	4.50
7 "	6.00	5.50
8 "	8.00	7.50

Discount.....per cent.

Hangers always sent with rods unless otherwise ordered.

Hanger Tongs

FOR CLINCHING HANGERS

A handy, valuable tool for many other purposes.

Price $0.40

Wire Eaves Trough Hangers

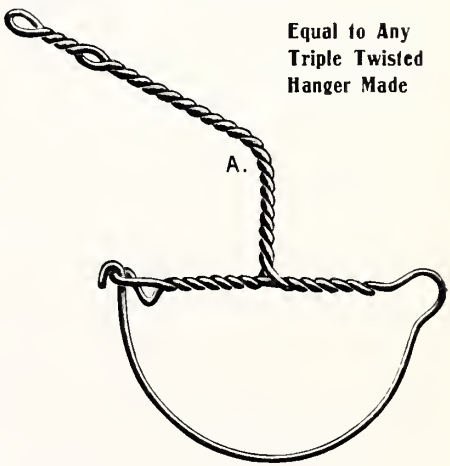
"HANDY" Double Twist

"ROYAL" Triple Twist

PRICE LIST PER GROSS

3 inch	$2.75
3½ "	2.75
4 "	2.75
4½ "	3.00
5 "	3.00
6 "	3.50
7 "	4.00
8 "	4.50

Equal to Any Triple Twisted Hanger Made



"HANDY" DOUBLE TWIST

Discount.....per cent.

N. B.—Sizes of all taken inside of bead. If not otherwise specified we send ½ inch bead for all sizes, except 7 inch and 8 inch Hangers, which will be ⅝ inch bead.

For Double Bead Hangers, add 25 cents to above lists.

We have many other styles of Hangers; ask for what you want.

FOR BRICK

Conductor Hooks

Corrugated Round Hinged Hooks

FOR WOOD

PRICE LIST PER 100, TINNED

Size	2 inch	3 inch	4 inch	5 inch	6 inch
For Wood	$3.00	4.00	5.00	7.50	.....
For Brick	3.50	4.50	5.50	7.50	8.50

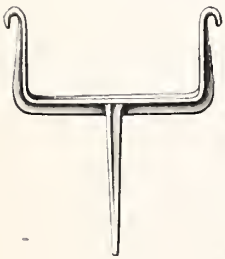
FOR BRICK

Plain Round Hinged Hooks

FOR WOOD

PRICE LIST PER 100, TINNED

Size	2 in.	3 in.	4 in.	5 in.	6 in.
For Wood	$3.00	4.00	5.00	7.50	8.50
For Brick	3.50	4.50	5.50	7.50	8.50



WIRED

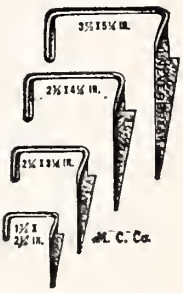
Square Hooks

FOR WOOD, PER 100, TINNED

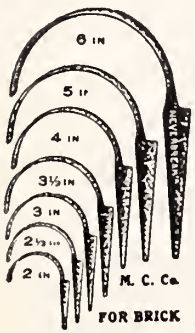
Inches	2	3	4	5
Wired	$2.00	2.50	3.00	3.50
Neverbreak	1.25	2.25	3.50	4.50

FOR BRICK, PER 100, TINNED

Inches	2	3	4	5
Wired	$2.50	3.00	3.50	4.00
Neverbreak	2.00	3.00	4.75	6.50



NEVERBREAK

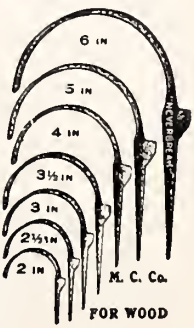


FOR BRICK

"Neverbreak" Steel Hooks

Galvanized—For Brick and Wood

PRICE LIST	Wood	Brick
2 inch, per 100	$1.25	$2.00
2½ " " "	1.75	2.25
3 " " "	2.25	3.00
3½ " " "	2.75	3.75
4 " " "	3.50	4.75
5 " " "	4.50	6.50
6 " " "	5.50	8.00



FOR WOOD

In ordering hooks for 2 inch round corrugated conductor, always specify 2½ inch, for that size pipe measures 2⅜ inches in diameter.

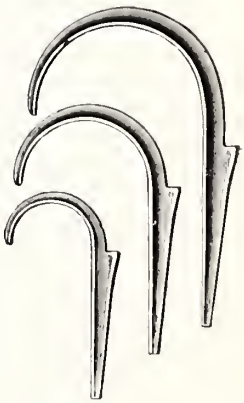
The plain round pipe requires the regular 2 inch hooks.

Plain Sickle Hooks

PER 100, TINNED

	For Wood	Brick
2 inch . . .	$1.50	$1.75
2½ inch . . .	2.00	2.00
3 inch . . .	2.50	2.75
3½ inch . . .	3.00	3.50
4 inch . . .	3.50	4.25
5 inch . . .	5.00	6.00
6 inch . . .	6.00	7.50
7 inch . . .		9.00
8 inch . . .		10.00

Discount.....per cent.

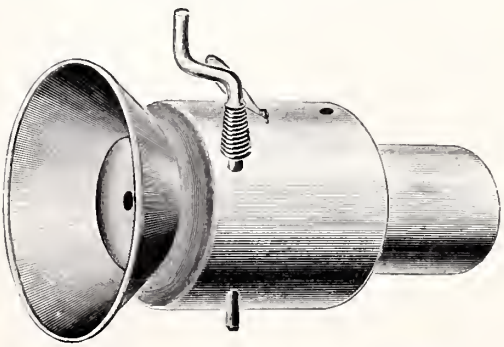


Standard Speaking-Tube

1 inch, price per foot	$0.03
1¼ inch, price per foot	.04½
1 inch, Square Elbows, each	.05
1 inch, Stamped Elbows, each	.08
1¼ inch, Stamped Elbows, each	.14

Discount.....per cent.

Speaking-Tube Whistle



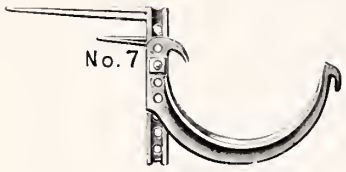
PER DOZEN

	Japanned	Nickeled
With indicator	$4.00	$6.00

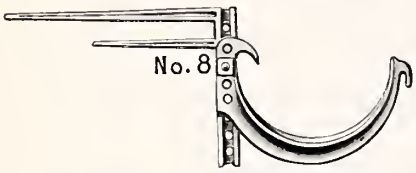
BERGER'S

Favorite Gutter Hangers

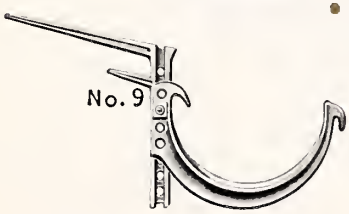
For open, clear, expanding gutters.



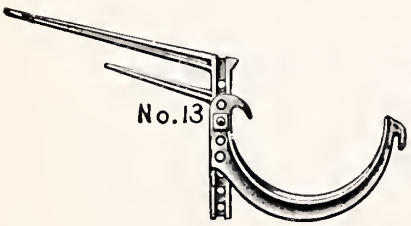
No. 7 is made to drive from 3 to 4 inches square in the cornice. The lower prong forms a brace for the upper, and makes it very strong and firm.



No. 8 is made to drive from 3 to 6 inches square in the cornice. This iron is intended for eaves where the shingles project far over the cornice.



No. 9 is to drive with the pitch of the roof. Same length as No. 7. Suited for narrow molded cornice.



No. 13 drives with the pitch of the roof. Same length as No. 8.

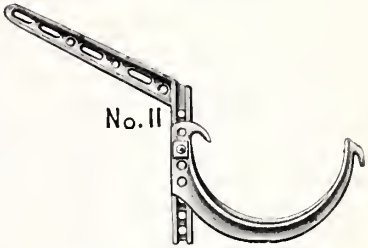
No. 10 is made to nail against square box cornices.

For prices see next page.

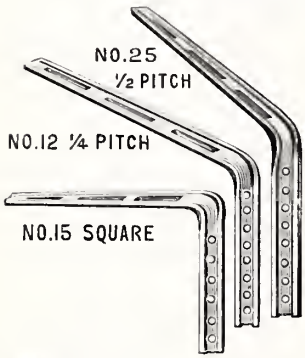
Berger's Favorite Hangers

Made for Any Style or Pitch of Roof.

No. 11 is nailed to the side of rafter assorting the 4, 6½ and 9-inch shank to correspond with the fall required. For flat or steep roofs use No. 12 shank.



Malleable Iron Shanks



No. 12 is made for ¼ pitch to fasten under the shingles or slate. The holes on top of the shank are made beveling so that the nail can be driven at any point to enter the shank.

No. 15 is made for flat roofs.

No. 25, for steep roofs, ½ pitch.

Gem Circle

FOR SINGLE BEAD TROUGH

Sizes, 3, 3½, 4, 4½, 5, 6, 7, 8-inch.

Penn Circle

FOR DOUBLE BEAD TROUGH

Sizes, 3½, 4, 4½, 5, 6, 7, 8-inch.
Put up in packages of 50 each.

PRICE LIST	Black	Tinned
Shanks Nos. 7 or 9, per 100	$2.00	$2.50
Shanks Nos. 8, 10, 11, 13, per 100	3.00	3.75
Shanks Nos. 12, 15, 25,	3.50	4.40
Extension Shank, with extra bolt, per 100	2.00	2.50
Circles for 3-inch Trough, inside measurement, per 100	2.00	2.50
Circles for 3½-inch Trough, inside measurement, per 100	2.00	2.50
Circles for 4-inch Trough, inside measurement, per 100	2.00	2.50
Circles for 4½ or 5-inch Trough, inside measurement, per 100	3.00	3.75
Circles for 6-inch Trough, inside measurement, per 100	4.00	5.00
Circles for 7-inch Trough, inside measurement, per 100	5.00	6.25
Circles for 8-inch Trough, inside measurement, per 100	6.00	7.50

Shanks and Circles are listed separate for the convenience in arranging list and for those who order assortments not evenly matched.

In ordering, state quantity and number of Shanks, and size of Circle wanted.

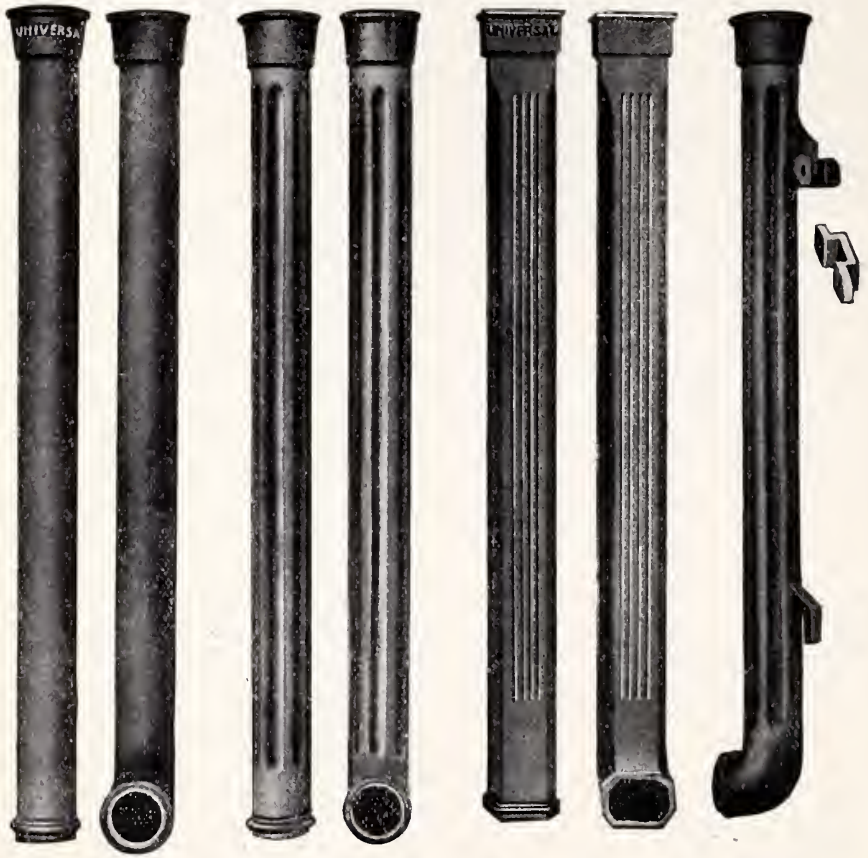
Measurements are taken inside of Trough. In measuring Troughs for Circles, always spread Trough to a true compass inside of bead.

Discount.....per cent.

Cast Iron Sewer Connections and Boots

Patent Applied for

ROUND — Connection, Boot | CORRUGATED — Connection, Boot | SQUARE — Connection, Boot



No. H. G. | D. C. | F. E. | Descriptive.

PRICE LIST—All 4½ feet Long

	No. H. & G.	No. D. & C.	No. F. & E.		No. H. & G.	No. D. & C.	No. F. & E.
3-inch . . each,	$3.20	$3.40	$3.60	5-inch . . each,	$4.70	$5.20	$5.40
4-inch . . each,	4.00	4.20	4.40	6-inch . . each,	6.00	6.20	6.40

For other than standard lengths, figure same rate per ft. plus 2% for alteration of patterns.

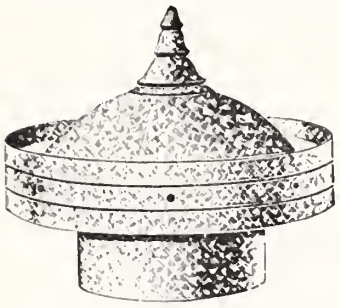
These sizes mentioned are the sizes of standard galvanized conductors that fit into these cast connections.

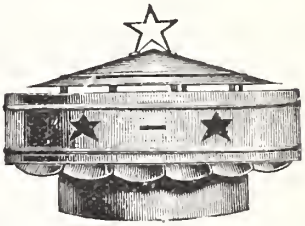
Notice the improvement over the old style ears that break off. See the wall brackets that are placed on your wall with expansion bolts or the like, and the convenience of simply hanging your connections in place, and it's being easily removed for cleaning, etc., also that you can place them as far away from the wall as you desire by our inexpensive wall bracket to suit.

We furnish 1½-inch wall brackets when not otherwise specified, or your choice of anyone of the other sizes, one for each straight connection and two for each boot.

Discount.....per cent.

The Globe and Star Ventilators





PRICE EACH GALVANIZED

Inches	2	2½	3	3½	4	4½	5	5½
Price	$1.00	1.00	1.50	1.50	1.75	2.00	2.50	2.85
Inches	6	7	8	9	10	12		14
Price	$3.40	4.00	4.65	5.20	5.75	6.75		13.00
Inches	16	18	20	24	30	36		40
Price	$20.00	27.00	33.00	40.00	65.00	120.00		180.00

Discount on Globe.....per cent.

Discount on Star.....per cent.

Besides the above we can furnish almost any other style of ventilator. Write for what you want.

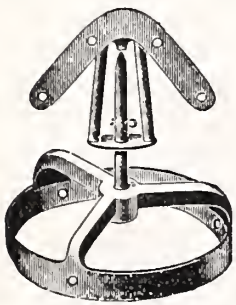


Fig. 1

Guaranteed to work in all kinds of weather.

The easiest turning Chimney Top made.

Royal Chimney Tops

PRICE LIST PER DOZEN

	Castings Only, Fig. 1.	Tops Complete, Fig. 2.
4 inches . .	$11.00	$18.00
6 " . .	11.50	19.50
7 " . .	13.50	22.50
8 " . .	15.00	25.00
9 " . .	16.50	29.50
10 " . .	18.00	32.00
12 " . .	22.00	40.00
14 " . .	32.00	50.00
16 " . .	40.00	60.00
18 " . .	50.00	70.00
20 " . .	60.00	80.00
22 " . .	72.00	95.00
24 " . .	85.00	110.00

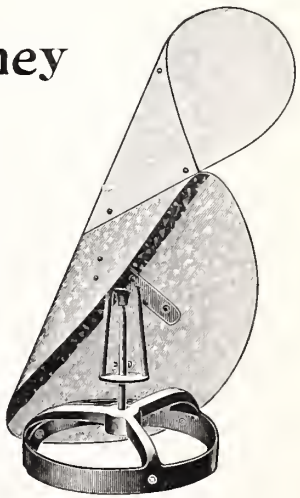


Fig. 2

Discount on Castings.....per cent.

Discount on Tops Complete.....per cent.

Any workman can make the galvanized iron hoods. Diagrams and instructions sent with each order.

Conductor Heads

GALVANIZED

No. 10

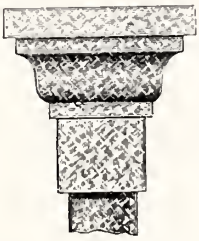
For 3 inch pipe . . $0.50
For 4 inch pipe . . .70
For 5 inch pipe . . .90

No. 12

For 3 inch pipe $1.50
For 4 inch pipe . . 1.75
For 5 inch pipe . . 2.00

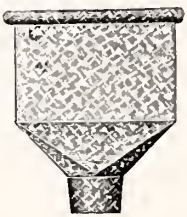
No. 14

For 3 inch pipe . . $2.00
For 4 inch pipe . . 2.25
For 5 inch pipe . . 2.50



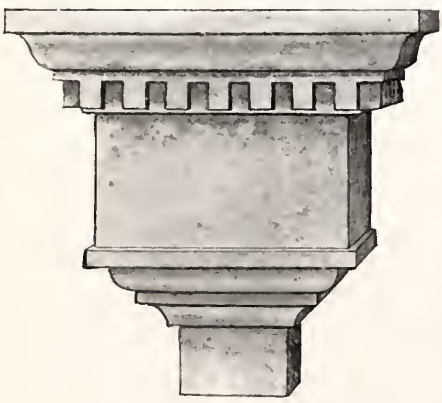
No. 16

For 3 inch pipe . . $2.00
For 4 inch pipe . . 2.25
For 5 inch pipe . . 2.50



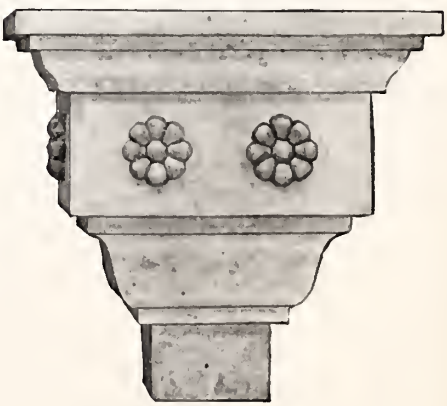
No. 18

For 3 inch pipe . . $1.75
For 4 inch pipe . . 2.00
For 5 inch pipe . . 2.25



No. 56

Each $4.00



No. 57

Each $4.00

Discount.....per cent.

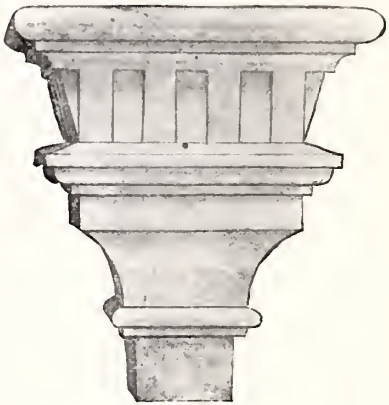
Prices on Copper Conductor Heads quoted on application.

Conductor Heads

GALVANIZED

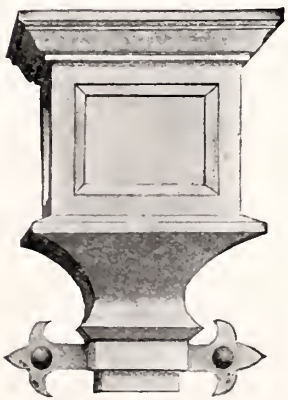
No. 58

Each $4.00



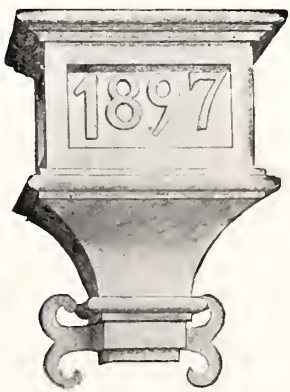
No. 60

Each $4.00



No. 54

Each $4.50



No. 52

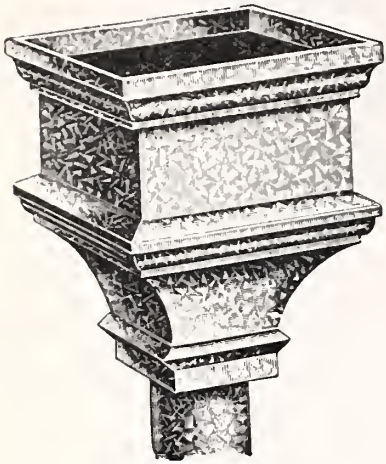
Each $6.00

Discount.....per cent.

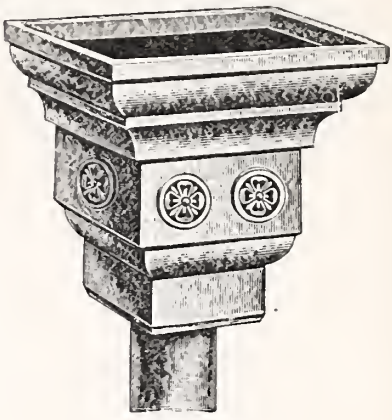
The above prices do not include the straps.

We will make to order any design desired, of either galvanized sheets or copper. Ask for prices.

Conductor Heads
GALVANIZED



No. 63
Each $4.50



No. 66
Each . . . $4.50

Discount..... .....per cent.

Ornamental Conductor Straps

To fit Conductor Pipe of the following sizes :

	2x3	3x4	4x5	5x6
Style A.....	$0.60	$0.60	$0.65	$0.70
B.....	.40	.46	.45	.50
C.....	.60	.60	.65	.70
D.....	.40	.40	.45	.50
E.....	.80	.85	.95	1.00

Discount.....per cent.

These Straps can be furnished to fit any size Square Conductor.

Flat and Round Head Stove Bolts

PER 100

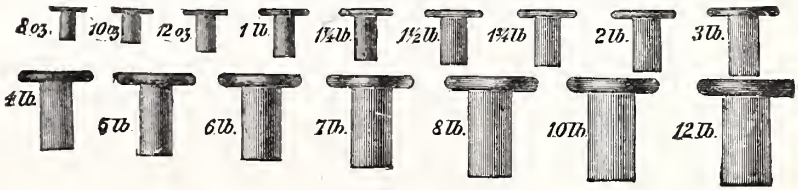
List Adopted March 1, 1907

Size:	3/8	1/2	5/8	3/4	7/8	1	1 1/8
5/32 and 3/16	$0.85	.85	.85	.85	.90	.90	.95
1/4	1.20	1.20	1.20	1.20	1.25	1.30	1.35
Size:	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2
5/32 and 3/16	$1.00	1.05	1.10	1.15	1.20	1.25	1.30
1/4	1.40	1.45	1.50	1.55	1.60	1.70	1.80
Size:	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2
5/32 and 3/16	$1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10
1/4	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60
Size:	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2
5/32 and 3/16	$2.20	2.30	2.40	2.50	2.60	2.75	2.90	3.05
1/4	2.70	2.85	3.00	3.15	3.30	3.45	3.60	3.75

Discount.....per cent.

Flat-Head Iron Rivets

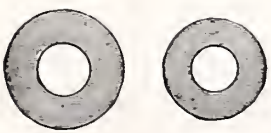
BEST NORWAY IRON



PER 1000

Size, oz.	8	10	12	14	1 lb.	1 1/4	1 1/2	1 3/4	2	2 1/2
Black,	$0.20	.22	.24	.26	.27	.29	.33	.37	.42	.55
Tinned,	$0.28	.31	.35	.39	.42	.48	.55	.64	.72	.83
Size, lb.	3	3 1/2	4	5	6	7	8	9	10	12
Black,	$0.60	.70	.76	.90	1.08	1.26	1.44	1.53	1.75	1.96
Tinned,	1.05	1.22	1.36	1.65	1.98	2.31	2.64	2.88	3.25	3.76

Discount..... .....per cent.



Swedes' Iron Burrs

List of January 8, 1904

PER POUND

Nos.	3/8	11/32	5/16	1	2	3	1/4	4	5	6
Black,	$0.36	.36	.36	.36	.36	.36	.36	.37	.38	.42
Nos.	3/16	7	8	9	10	11	12	13	14	
Black,	$0.42	.43	.44	.45	.47	.50	.60	.70	.80	

Tinned.....cts. per lb. extra.

Discount.....per cent.

Wire Nails

BARBED ROOFING NAILS

Full Size Illustration

¾ inch, No. 13 wire, per keg . . . $
⅞ " " 12 " " " . . .
1 " " 12 " " " . . .
1¼ " " 11 " " " . . .
1½ " " 10 " " " . . .
2 " " 9 " " " . . .

PLAIN SLATERS' NAILS

2D, 1 inch, No. 10½ wire, per keg . . . . . $
3D, 1¼ " " 10½ " " " . . . . . .
4D, 1½ " " 10½ " " " . . . . . .

GALVANIZED SLATING NAILS

3D, 1¼ inch, No. 10½ wire, per keg . . . . . $
4D, 1½ " " 10½ " " " . . . . . .

TINNED SLATING NAILS

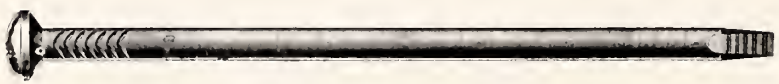
3D, 1¼ inch, No. 10½ wire, per keg . . . . . $
4D, 1½ " " 10½ " " " . . . . . .

COPPER WIRE SLATING NAILS

3D, 1¼ inch, per keg . . . . . $
4D, 1½ " " " . . . . . .

Gutter Spikes

In Kegs of 100 lbs. each.

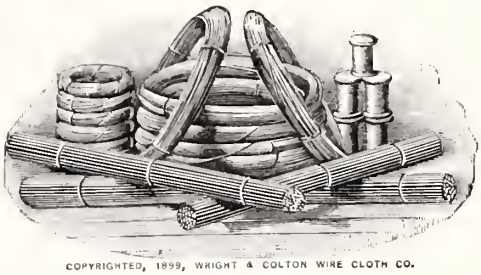


PRICE LIST

Standard, 10 inch wire, ¼ inch diameter, per keg . . . . $
Extra Long, 12 " " ¼ " " " " . . . .

Prices on request.

Wire



BRIGHT MARKET WIRE

Nos.	0 to 9	10	11	12	13	14	15	16	17	18
Per Lb...	$0.10	.11	.11	.11½	.12½	.12½	.14	.14	.15	.16

COPPERED MARKET WIRE

Nos.	0 to 9	10	11	12	13	14	15	16
Per Lb...	$0.10	.11	.11	.11½	.12½	.12½	.14	.14

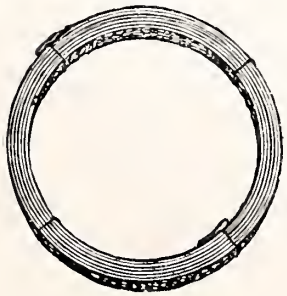
GALVANIZED MARKET WIRE

Nos.	0 to 9	10	11	12	13	14	15	16	17	18
Per Lb...	$0.10	.11	.11	.11½	.12½	.12½	.14	.14	.15	.16

Above put up in hanks of about 25 pounds and coils of 66 to 100 pounds each.

ANNEALED WIRE IN STONES

Nos.	16	17	18	19	20	21	22	23	24
Per Lb...	$0.14	.15	.16	.19	.20	.21	.22	.23	.24



Hoop Iron

GALVANIZED

Sizes ½, ⅝, ¾, ⅞, 1, 1¼, 1½, and 2 inch.

In coils of about 35 to 40 pounds.

Lowest Market Prices.

Rosin

In Barrels, about 500 lbs. each.

Price per lb. . . . . $

In Kegs, about 100 lbs. each.

Price per keg . . . . . $

Gross weight charged for.

We do not break packages.

Muriatic Acid

In Carboys, about 10 gallons.

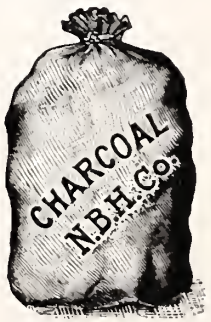
Price per gallon . . . . . $

In Bottles, 1 gallon.

Price per gallon . . . . . $

Carboys and bottles securely boxed for safe transportation.

Charcoal

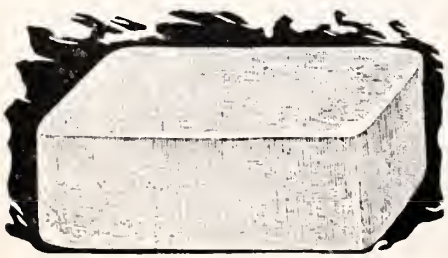


In Bags of 3 to 5 bushels.

Price per bushel (15 lbs.) $0.25

We do not sell less than a bag.

Compressed Sal Ammoniac



Superior to the ordinary crystalized.

For tinning soldering coppers.

In compressed cakes of 9 ounces each.

Price per cake $0.25

Tinners' Oil

when used in conjunction with Linseed Oil, makes a Roofing Oil of great wearing quality if **used** according to the following directions:

TOP PAINTING

Reduce Paste, (Metallic Brown or Venetian Red, ground in oil), to proper consistency for Roofing Paint, with ⅔ Japan Oil and ⅓ Pure Linseed Oil. If dry Paints are used, mix the Dry Paint to a paste with Linseed Oil and reduce this Paste with same proportion of Japan and Pure Linseed Oil, *i. e.*: ⅔ and ⅓, allowing for Linseed in the Paste, this will give a proportion of half Japan and half Linseed Oil.

It will dry in from two to five hours. When dry it will form an Elastic Paint. It dries with Durability and Lasting Quality. It dries with a gloss. It does not crack or peel. It reduces the cost of paint. It will set sufficiently inside of an hour to be perfectly safe from rain.

Put up in Barrels, also 10 and 5 Gallon Cans.

Price Per Gallon . . . . . $

Cans Charged Extra, 10 Gallon Can 75 Cents; 5 Gallon Can 50 Cents

Asbestos Furnace Cement

The strongest and most durable cement in use for "setting-up" and repairing broken joints in Furnaces, Ranges, Heaters, Stoves, etc. It is prepared ready for use,adheres readily and firmly to castings, tin, etc., and "sets" in a few hours. When subjected to heat, it vitrifies without shrinking or becoming porous.

It is available for lining Furnace Doors of Steam Boilers.

Pails 50 and 25 pounds, per pound					$ .08
10 pound Cans, each					1.20
5	"	"	"		.60
3	"	"	"		.50
2	"	"	"		.40
1	"	"	"		.20

Discount..... .....per cent.

Prince's Mineral Brown Paint

Dry, in 100-lb. Kegs	each,	$2.00
Dry, in Barrels of 300 lbs.	"	5.00
Ground in Pure Linseed Oil, paste form, in 25-lb. pails	per lb.,	.07
Paste form, in barrels	" "	.06
Ready mixed for use, in 1, 2, 3 and 5-gal. pails	per gal.,	1.50
In 25-gal., half bbls.	" "	1.40
In 50-gal. bbls.	" "	1.25

Discount.....per cent.

Handy's Roof Cement

Guaranteed the best in the market.

For pointing up and preventing leaks in metallic roofs, around chimneys, copings, skylights, gutters, cupolas, dormer windows, slate, stone, brick and wood.

Iron, tin, shingle and slate roofs can be made absolutely and permanently water-tight by the use of our Roof Cement.

It is very adhesive, sticks to anything. Will not crack in summer or winter. Easily applied with knife or trowel.

PRICES

5-pound	Can, per pound		$0.14
10- "	" " "		.12
25- "	Bucket, per pound		.10
100- "	Tub, " "		.07
500- "	Barrel, " "		.06½

Discount.....per cent.

DIRECTIONS FOR USING ROOF CEMENT

For repairing leaks, take ordinary unbleached muslin, and tear off a strip of suitable size to cover leak, whether it be a nail hole or cross-joint. Spread a thin coat of cement on under side of strip, then paint surface to be patched, and apply the patch, cement surface down, smooth it out with the fingers or trowel, working all the air out from under it; then paint over the entire patch again, and your work is done. Follow the same instructions for flashing along walls or around chimneys or skylights.

"DOME" POT COVERS

Hemmed Edges **With Rings**

Inches	8	8½	9	9½	10	10½	11	11½	12
Per gross,	$3.55	3.70	3.90	4.20	4.55	5.05	5.75	6.20	7.30

Discount.....per cent.

PLAIN BUCKET COVERS—IC.

Diam. inches	$6\frac{5}{16}$	7¾	$8\frac{5}{16}$	$8\frac{13}{16}$	9½	10½	12½
Per gross	$3.15	4.70	5.10	5.65	6.20	7.75	10.95

Discount..... .....per cent.

COFFEE POT COVERS

Rimmed

Inches	3	3½	4	4½	5	6
Per gross	$1.90	2.20	2.60	2.70	3.50	4.40

Discount.....per cent.

LARD CAN COVERS

Inches	10½	12	12½
Per gross	$12.00	13.00	14.00

Discount.....per cent.

"FRENCH" SAUCEPAN HANDLES

Nos.	9	10	12
Inches	4⅛	4¾	5½
Per pound	$0.20	.20	.20

Discount.....per cent.

BENT CAN SPOUTS

Nos.	0	1	8
Inches	2	2¼	3½
Per gross	$0.55	.60	.60

Discount..... per cent.

FRUIT CAN TRIMMINGS

Tops, Bottoms and Caps **Baltimore Pattern**

Quarts	1
Diameter of opening	3⅜
Diameter (extreme)	4⅛
Per gross	$2.50

Discount.....per cent.

Wax Strings, 14 inch, price per 1,000 ..... $2.50
Sealing Wax in 25 pound boxes, price per pound ..... .03

Re-Tinned Kettle Ears

MALLEABLE

Strongest and Best Made

A

B

C

D

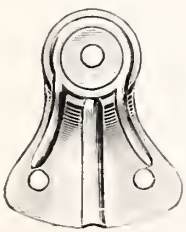
E

F

Reverse

Number	A	B	C	D	E	F
Size Inch	$\frac{7}{8}$ x $1\frac{1}{8}$	$1\frac{1}{8}$ x $1\frac{1}{4}$	$1\frac{1}{4}$ x $1\frac{3}{8}$	$1\frac{7}{16}$ x $1\frac{1}{2}$	$1\frac{5}{8}$ x $1\frac{3}{4}$	$1\frac{3}{4}$ x $1\frac{7}{8}$
Per gross	.36	.60	.80	1.00	1.50	1.80

Discount.....per cent.

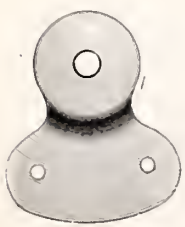


Eureka Kettle Ears

PER GROSS PAIRS

No. 0	$ .32	No. 3	$.50
No. 1	.35	No. 4	.65
No. 2	.40	No. 5	.85

Discount.....per cent.



Iron-Clad Kettle Ears

RETINNED

PER GROSS PAIRS

No. 0	$ .50	No. 4	$1.25
No. 1	.60	No. 5	1.75
No. 2	.80	No. 6	2.00
No. 3	1.00	No. 7	2.25

Discount.....per cent.

Enameled Tea-Pot Knobs

	Size	Price Per Gross
No. 50	$\frac{5}{8}$ x $\frac{11}{16}$ inch	$0.40
No. 51	$\frac{11}{16}$ x $\frac{3}{4}$ "	.45
No. 52	$\frac{3}{4}$ x $\frac{13}{16}$ "	.65

Discount.....per cent.

Pail Woods

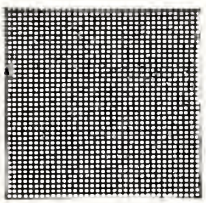
	Enameled Per Gross	Plain Per Box 500
3 inch	$0.75	$1.60
3½ "	.85	1.80
4 "	1.30	2.60

ENAMELED, Discount.....per cent.

PLAIN, Discount..... .....per cent.

Brass Milk Strainer Wire Cloth

IN ROLLS 12 INCHES WIDE, 5 FEET LONG



Mesh	No. Wire	List
40	36	$ .20 per sq. ft.
50	36	.25 " "
60	37	.30 " "

Discount .....per cent.

Re-Tinned Sauce Pan Handles

MALLEABLE

No. 3560

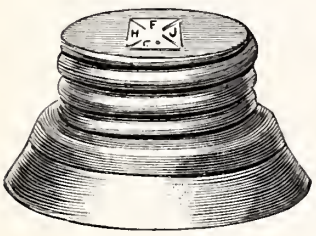
No. 3555

	Size	A	B	C	D
	Length, inch,	4	5	6	7
No. 3555.	Japanned, per gross, boxed,	$2.50	$2.90	$3.90	$4.50
	Tinned, " "	2.75	3.20	4.25	5.00
No. 3560.	Japanned, " "	2.85	3.65	4.85	6.00
	Tinned, " "	3.15	4.00	5.35	6.60

Zinc Roses or Sprinkler Heads

WITH TIN BASE

		Per Doz.
No. 000,	1½ inch	$0.23
No. 00,	2 "	.29
No. 0,	2½ "	.42
No. 1,	3 "	.52
No. 2,	3½ "	.83
No. 3,	4 "	1.08
No. 4,	4½ "	1.38



Can Screws

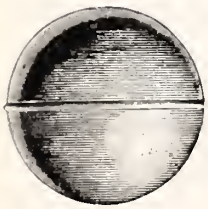
PER GROSS

	Zinc	Tin
½ inch	$ 4.00	
¾ "	4.50	
1 "	6.00	
1¼ "	8.00	
1½ "	12.00	
2 "	20.00	

Discount.....per cent.

Zinc and Copper Balls

IN HALVES



PRICE LIST PER 100 HALVES

Sizes	1	1¼	1½	2	2½	3 inch
Zinc	$1.60	1.80	2.10	3.30	3.90	4.80
Copper	1.60	1.80	2.10	3.30	3.90	4.80

Sizes	3½	4	5	6	7	8 inch
Zinc	$6.00	8.10	11.50	16.50	19.50	28.00
Copper	6.00	8.10	11.50	16.50	19.50	28.00

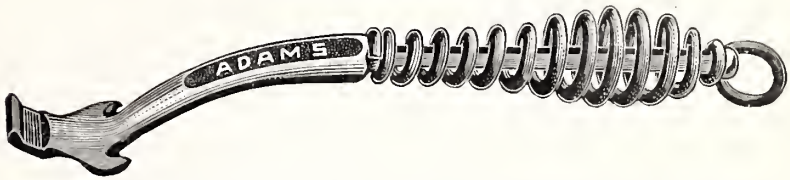
Sizes	9	10	12	14	16	18	20	24 inch
Zinc	$31.00	38.00	63.00	102.00	164.00	300.00	450.00	800.00
Copper	31.00	38.00	63.00	102.00	164.00	300.00	450.00	800.00

Discount on Zinc.....per cent.

Discount on Copper.....per cent.

Stove Lid Lifters

NICKEL PLATED



This is a genuine non-heating wire handle lid lifter, for the contact is so slight that the heat cannot follow the wire, but is carried off by radiation.

One dozen in a box. One gross in a case.

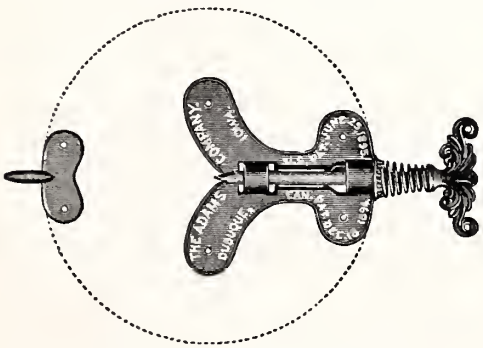
No. 25. Nickel plated . . . . . per gross, $18.00

Discount.....per cent.

COPPERED LIFTER

No. 30. Coppered . . . . . per gross, $14.00

Discount..... .....per cent.



Diamond Damper Clip

Iron Handle

This clip extends well into the center, flanging out so as to support the sheet steel blade. Made in two sizes, suitable for any damper from 6 inches up.

LIST PRICE PER DOZEN

Large size, with tail piece	$1.50
Large size, without tail piece . .	1.40

Discount.....per cent.

Cylinder Heads

Packed one dozen pair in a crate.

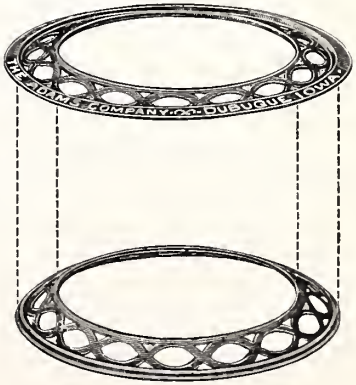
PRICE PER DOZEN PAIRS

5 inch . . . . . $
6 " . . . . . .
7 " . . . . . .

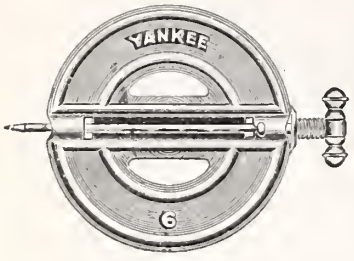
WEIGHT

5 inch, 19 pounds	7 inch, 28 pounds
6 " 22 "	8 " 42 "

Discount.....per cent.



Dampers



Smoke Pipe

YANKEE STOVE PIPE

PRICE LIST

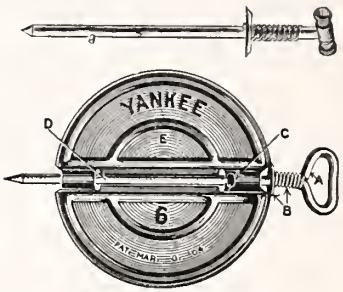
3	inch,	per	doz.	$ .85
4	"	"	"	.85
4½	"	"	"	.85
5	"	"	"	1.00
5½	"	"	"	1.10
6	"	"	"	1.20
7	"	"	"	1.50

Discount.....per cent

YANKEE HOT AIR

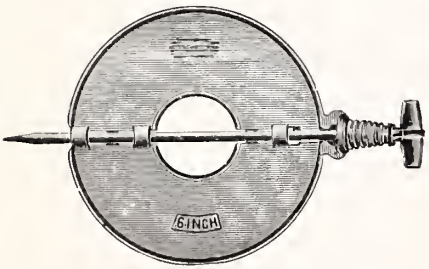
PRICE LIST

6	inch,	per	doz.	$1.20
7	"	"	"	1.50
8	"	"	"	2.15
9	"	"	"	2.55
10	"	"	"	2.80
11	"	"	"	3.30
12	"	"	"	3.50
14	"	"	"	5.00



Damper with Rod in Position

Discount.....per cent.



ARCADE STOVE PIPE

PRICE LIST

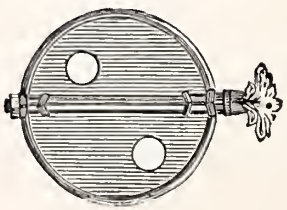
3	inch,	per	doz.	$1.15
4	"	"	"	1.25
4½	"	"	"	1.30
5	"	"	"	1.35
5½	"	"	"	1.45
6	"	"	"	1.50
7	"	"	"	2.00

Discount.....per cent.

ROYAL STOVE PIPE

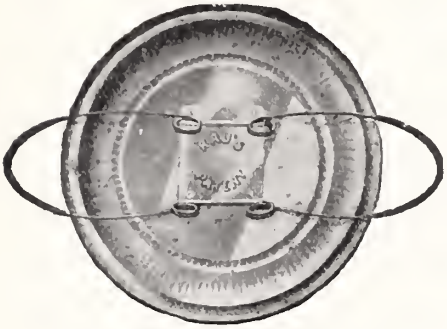
PRICE LIST

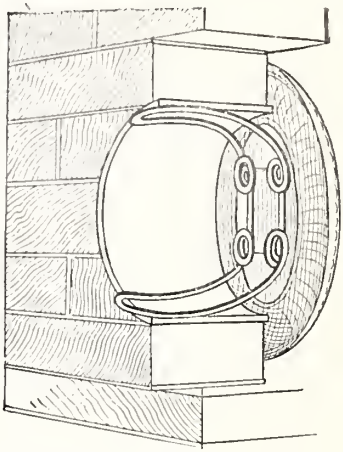
4	inch,	per	doz.	$1.00
4½	"	"	"	1.10
5	"	"	"	1.30
5½	"	"	"	1.40
6	"	"	"	1.50
7	"	"	"	2.20



Discount.....per cent.

Perfect Flue Stopper





The springs are so constructed that they never lose their strength.

Will fit a smooth or irregular hole, from 4 to 8 inches.

The cover will not bend from the strain of the springs, thereby will not allow the dirt to fall out.

PRICE

Per Dozen $1.50

Packed one dozen in a box

Royal Flue Stoppers

Put up in Boxes of One Dozen each

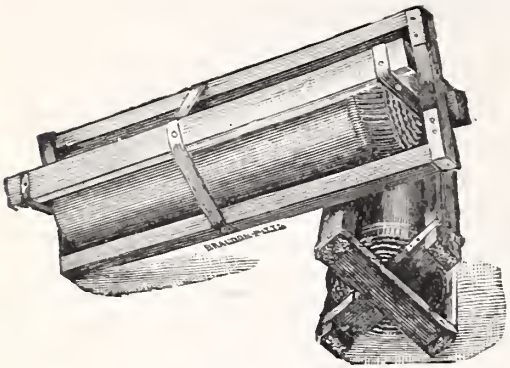
	Per Dozen
Diameter, 8 3/8 inches	$1.00

Discount.....per cent.

Stove Pipe Collars

Size	Outside Measure	Per Dozen
4 inch	7 3/8 inch	$ .50
4 1/2 "	7 3/4 "	.56
5 "	8 1/4 "	.60
5 1/2 "	8 7/8 "	.70
6 "	9 5/8 "	.70
7 "	10 3/4 "	.90
8 "	12 3/8 "	1.40

Discount.....per cent.



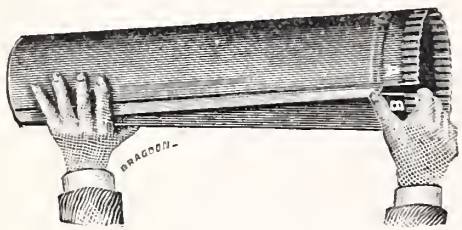
Royal Stove Pipe

Packed secure from damage, in small crates of 25 joints each, as shown in cut; car load, 18 to 30 tons.

Weight Per Crate of 25 Joints

3	inch	35 lbs.
4	"	40 "
4½	"	45 "
5	"	50 "
5½	"	55 "
6	"	60 "
6½	"	65 "
7	"	70 "

Showing Manner of Putting Royal Stove Pipe Together



One Piece Stove Pipe Elbow

Strongest Stove Pipe Elbow Made

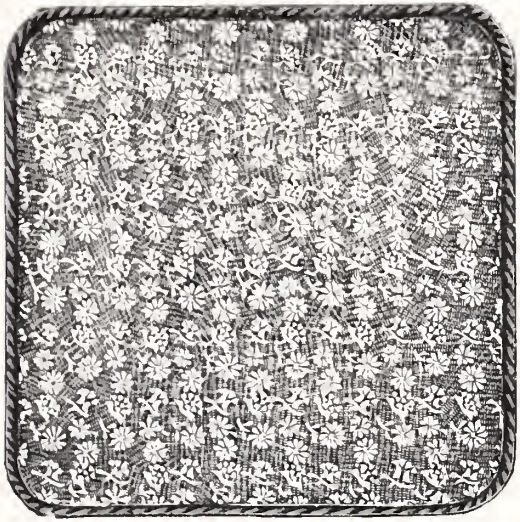
		Per Dozen Refined	Planished
3	inch	$1.00	$2.50
4	"	1.20	3.30
4½	"	1.40	4.25
5	"	1.40	4.25
5½	"	1.55	5.35
6	"	1.55	5.35
7	"	2.25	7.00

Four Piece Elbows

Made of Cleaned Iron

		Per Dozen
4	inch	$0.90
4½	"	.95
5	"	.95
5½	"	1.00
6	"	1.00
7	"	1.40

Stove Boards



PAPER-LINED EMBOSSED BOARDS

No. 35—Round

No. 45—Square

No. 55—Oblong

One dozen in a case

Discount.....per cent.

No. 35—Sizes . .	24	26	28	30	32	34	36
Per dozen . . .	$8.04	9.00	10.08	11.28	12.96	14.52	18.00
No. 45—Sizes . . .	24x24	26x26	28x28	30x30	32x32	34x34	36x36
Per dozen	$8.04	9.00	10.08	11.28	12.96	14.52	18.00
No. 55—Sizes			24x36	26x30	28x32	30x36	32x42
Per dozen			$11.64	11.64	12.60	14.40	18.00

PAPER-LINED CRYSTAL BOARDS

No. 100—Round

No. 200—Square

No. 300—Oblong

Crating charged extra on less than ½ doz.

Discount ..... per cent.

No. 100—Sizes	24	26	28	30	32	34	36
Per dozen	$9.00	9.84	10.92	12.96	14.76	16.80	20.40
No. 200—Sizes	24x24	26x26	28x28	30x30	32x32	34x34	36x36
Per dozen	$9.00	9.84	10.92	12.96	14.76	16.80	20.40
No. 300—Sizes			24x36	26x30	28x32	30x36	32x42
Per dozen			$12.60	12.60	14.40	16.80	20.76

Ask for our special Stove Board catalogue, we can furnish any style.

Mrs. Cobb's Paste

BEST 5-CENT BOX ON THE MARKET

Packed 3 doz. in case.

Price, per gross $4.50

Black Jack Paste

The finest polish for domestic use ever made.

The only paste on the market that will keep moist and not rust out.

Put up in ¾-lb. cans for family use, packed 3 dozen in case.

Price, per gross $9.00

Black Eagle

PUT UP EXPRESSLY FOR THE STOVE TRADE

The wonderful Benzine Paste. For new and old stoves.

Used for nearly twenty years by the leading stove manufacturers and dealers.

Five-pound cans, packed 12 and 24 cans in case.

Price, per doz. $4.50

Black Eagle Liquid

PUT UP FOR FAMILY USE IN TEN-OUNCE CANS

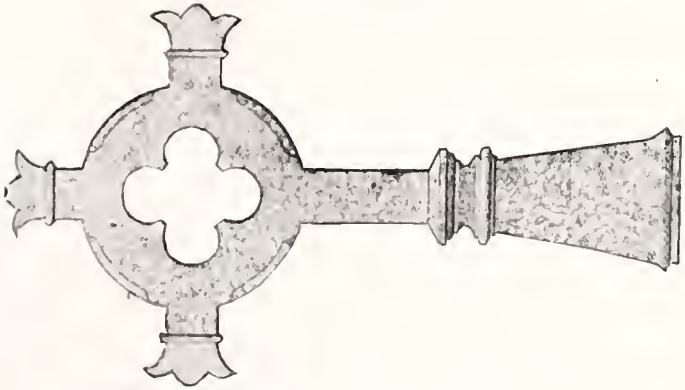
This is a ready-mixed preparation of Black Eagle Paste (the kind stove dealers use) and is especially adapted for use on Russia iron, stove pipes, etc.

Packed 3 doz. in case.

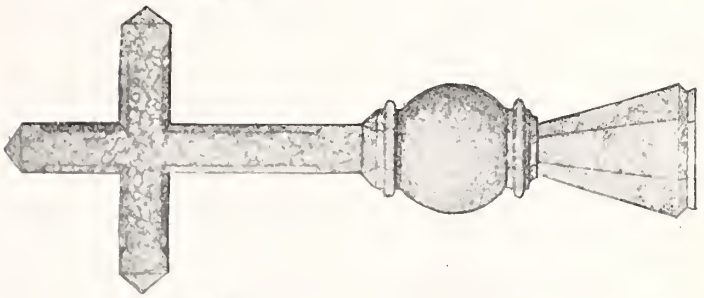
Price, per gross $9.00

Ask for Discounts.

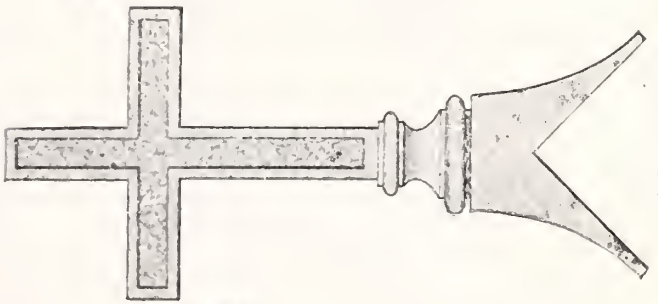
Finials



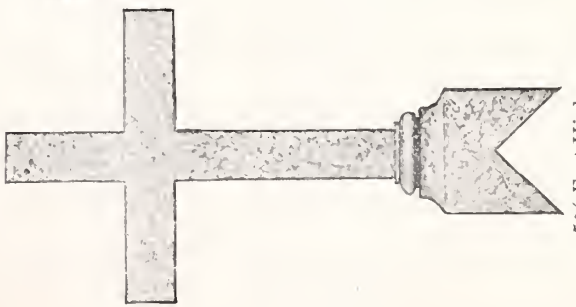
No. 108 . . . . . 7 Feet High $20.00



No. 111 . . . . . 7¼ Feet High $22.00



No. 109 . . . . . 6¾ Feet High $15.00



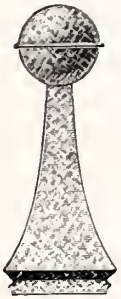
No. 107 . . . . . 5¾ Feet High $10.00

Discount. .....per cent.

Always state Measurement and Style of Base—whether Base is to be Square, Round or Octagonal—and give Pitch of Roof. Crating charged at cost.

Handy's Finials

Galvanized Steel or Galvanized Charcoal Iron



No. 640
18 Inches High
Oct. or Sq. Base, $1.80
Round Base . . . 3.50

No. 641
21 Inches High
$2.50
2.50

No. 644
27 Inches High
$3.00
3.00

No. 642
27 Inches High
$3.50
3.50

No. 594
4 Feet High
Oct. or Sq. Base, $5.50
Round Base . . . 5.50

No. 552
3½ Feet High
$4.00
4.00

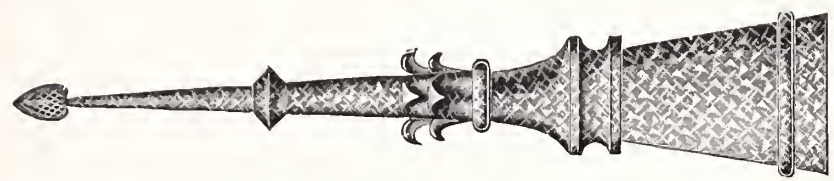
No. 558
3½ Feet High
$4.50
4.50

No. 554
3½ Feet High
$4.50
4.50

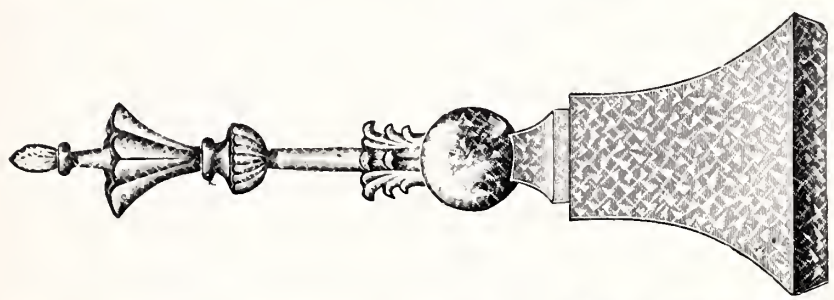
Discount..... .....per cent

When ordering Finials, always state measurement and style of base

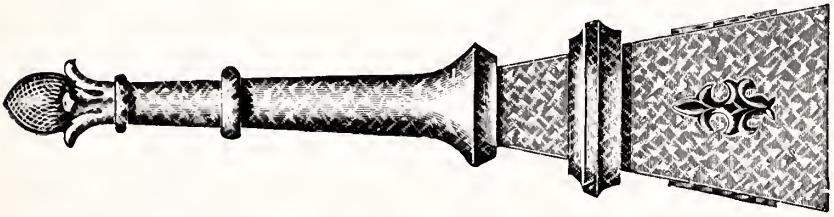
Handy's Finials



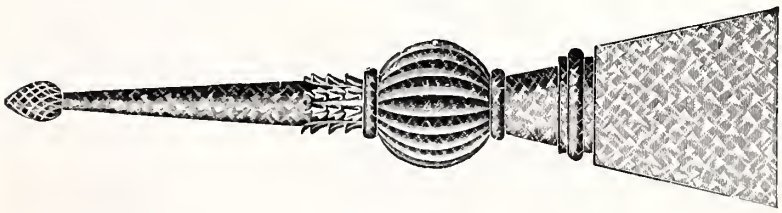
No. 553
4¼ Feet High
Oct. or Sq. Base, $5.00
Round Base . . . 5.00



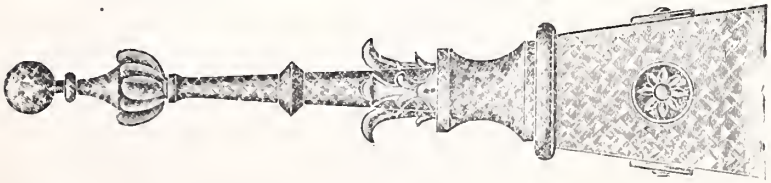
No. 555
4¼ Feet High
Oct. or Sq. Base, $5.00
Round Base . . . 6.50



No. 557
4¼ Feet High
Oct. or Sq. Base, $6.00
Round Base . . . 6.00



No. 587
4 Feet High
Oct. or Sq. Base, $5.50
Round Base . . . 5.50



No. 556
4 Feet High
Oct. or Sq. Base, $5.75
Round Base . . . 5.75

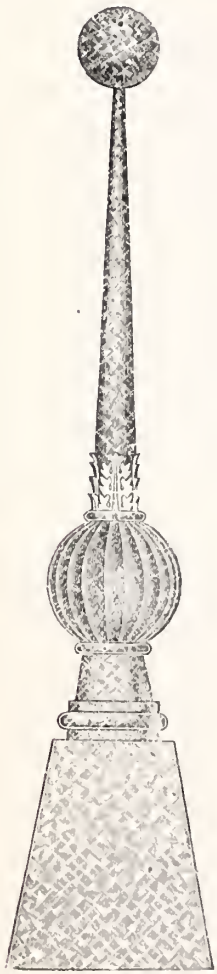
Discount.....per cent.

Always state Measurement and Style of Base—whether Base is to be Square, Round or Octagonal—and give Pitch of Roof. Crating charged at cost.

Handy's Finials

Galvanized Steel or Galvanized Charcoal Iron

Specify Size and Style of Base



No. 588

5 Feet High

Oct. or Sq. Base . . $5.75

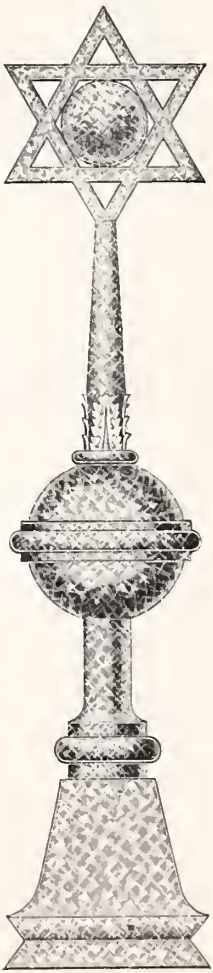
Round Base 5.75

No. 561

5 Feet High

Oct. or Sq. Base . . $8.00

Round Base 8.00



No 609

5 Feet High

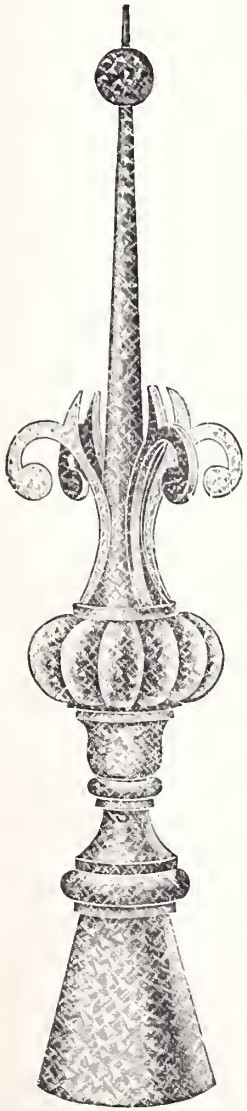
Oct. or Sq. Base . . $7.50

Round Base 10.00

Handy's Finials

Galvanized Steel or Galvanized Charcoal Iron

Specify Size and Style of Base



No. 562
5¼ Feet High
Oct. or Sq. Base . . $7.50
Round Base 7.50

No. 563
5½ Feet High
Oct. or Sq. Base . . $8.00
Round Base . . . 10.00

No. 565
6½ Feet High
Oct. or Sq. Base . . $12.00
Round Base . . . 14.00

Handy's Finials

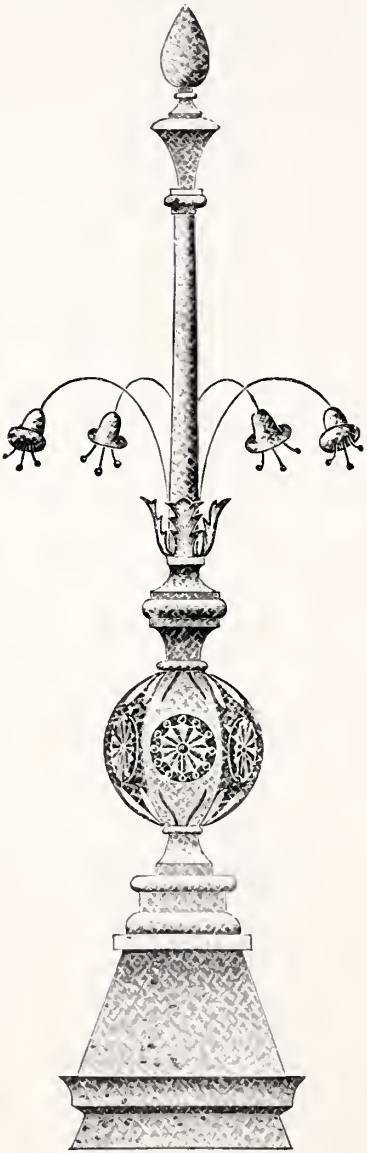
Galvanized Steel or Galvanized Charcoal Iron

Specify Size and Style of Base

No. 610

6 Feet High

Oct. or Sq. Base . . $7.50
Round Base 7.50



No. 657

6 Feet High

Oct. or Sq. Base . $10.00
Round Base . . . 11.00

No. 589

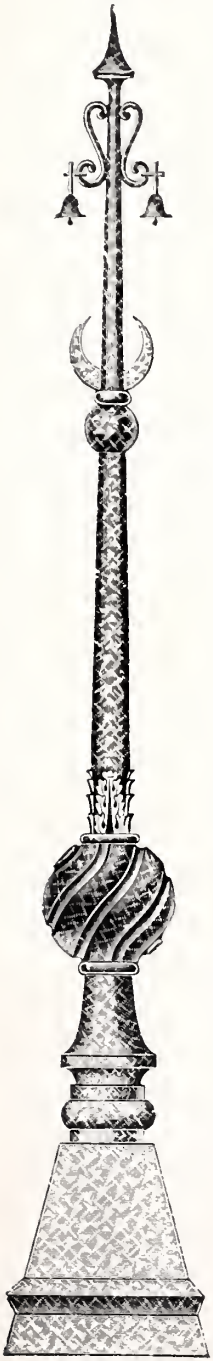
6 Feet High

Oct. or Sq. Base . . $7.00
Round Base 7.00

Handy's Finials

Galvanized Steel or Galvanized Charcoal Iron

Specify Size and Style of Base



No. 611
7 Feet High
Oct. or Sq. Base . . . $12.00
Round Base . . . 12.00

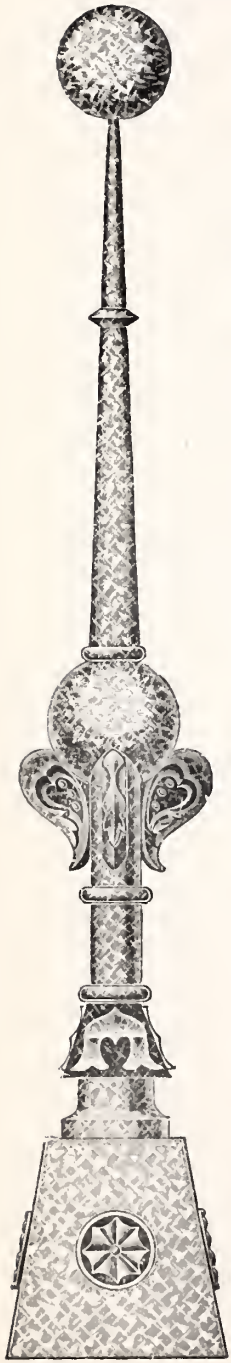
No. 590
7 Feet High
Oct. or Sq. Base . . $10.00
Round Base . . . 10.00

No. 597
7 Feet High
Oct. or Sq. Base . $10.00
Round Base . . . 10.00

Handy's Finials

Galvanized Steel or Galvanized Charcoal Iron

Specify Size and Style of Base

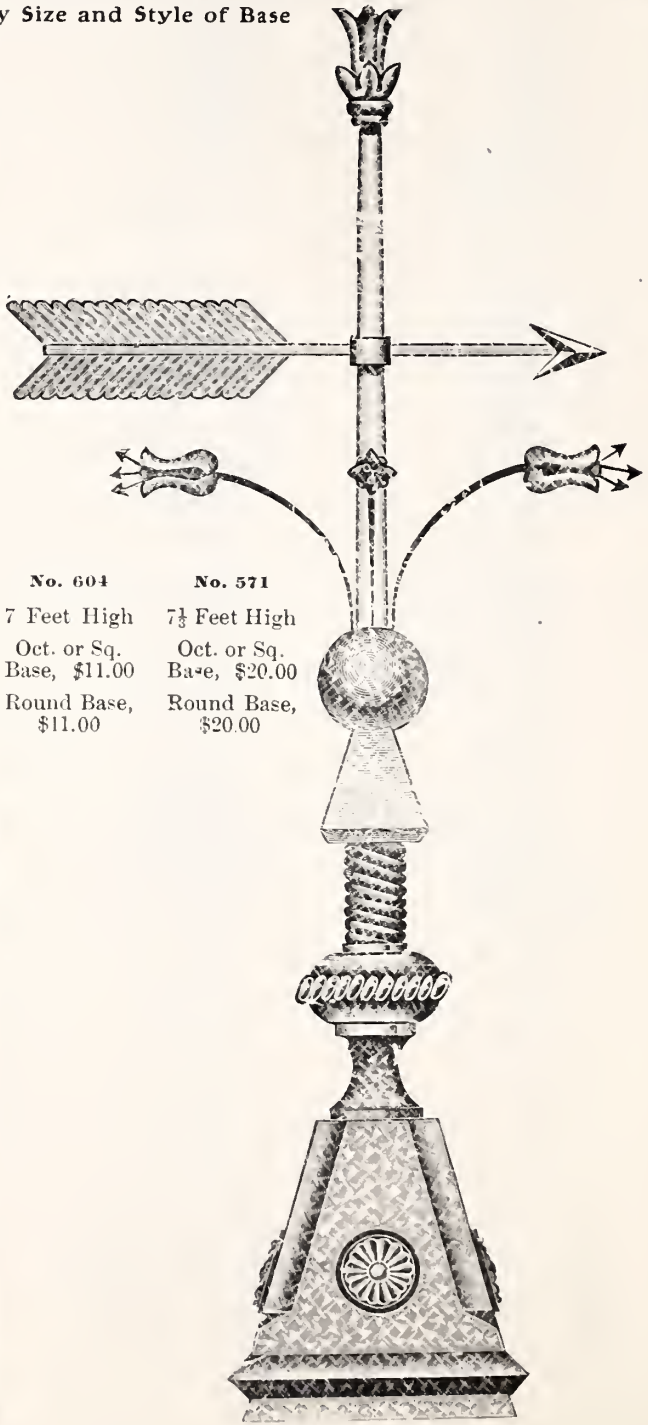


No. 604

7 Feet High

Oct. or Sq. Base, $11.00

Round Base, $11.00



No. 571

7⅓ Feet High

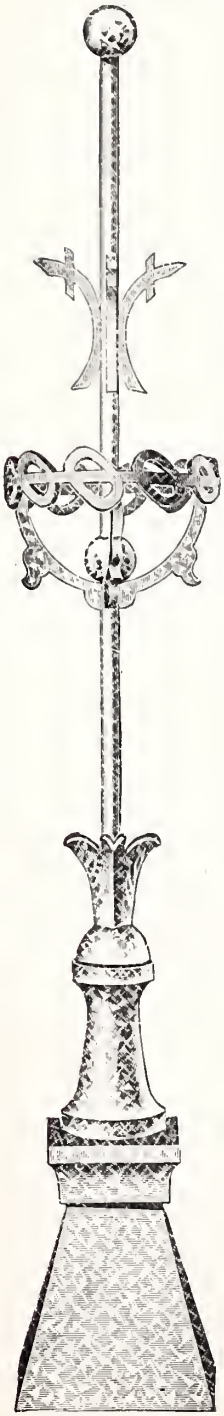
Oct. or Sq. Base, $20.00

Round Base, $20.00

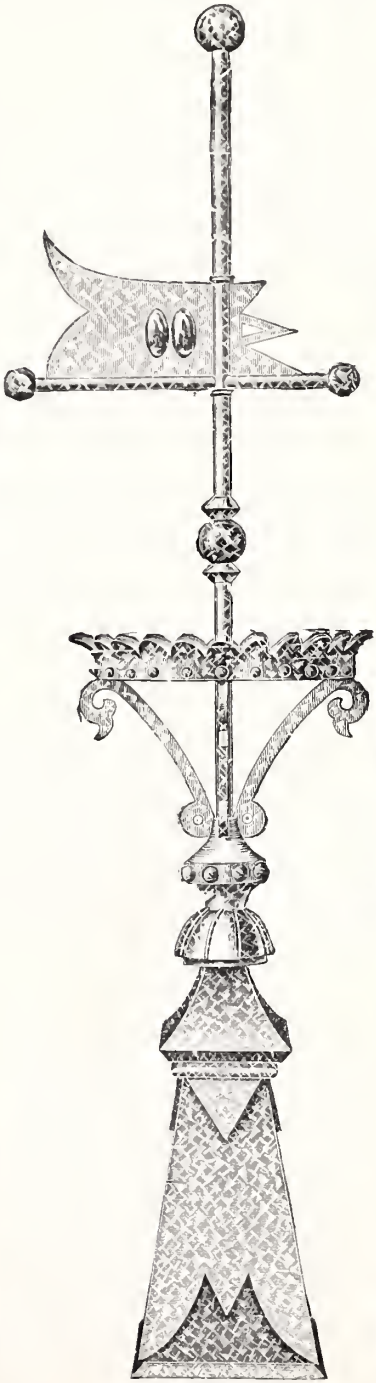
Handy's Finials

Galvanized Steel or Galvanized Charcoal Iron

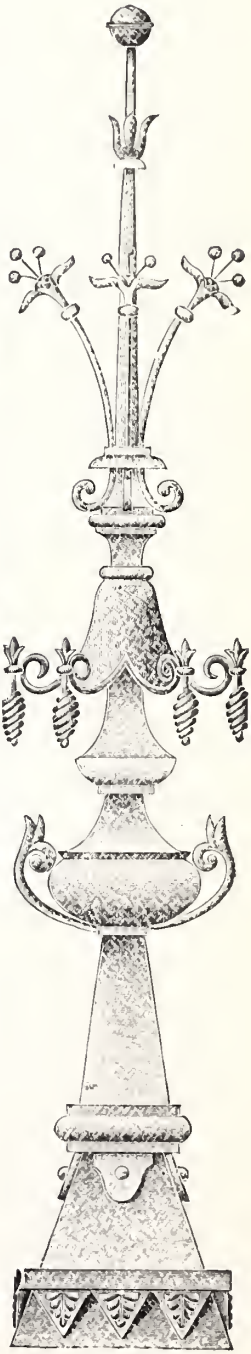
Specify Size and Style of Base



No. 570
7 Feet High
Oct. or Sq. Base . . $15.00
Round Base . . . 15.00



No. 572
7½ Feet High
Oct. or Sq. Base . . $17.00
Round Base . . . 20.00

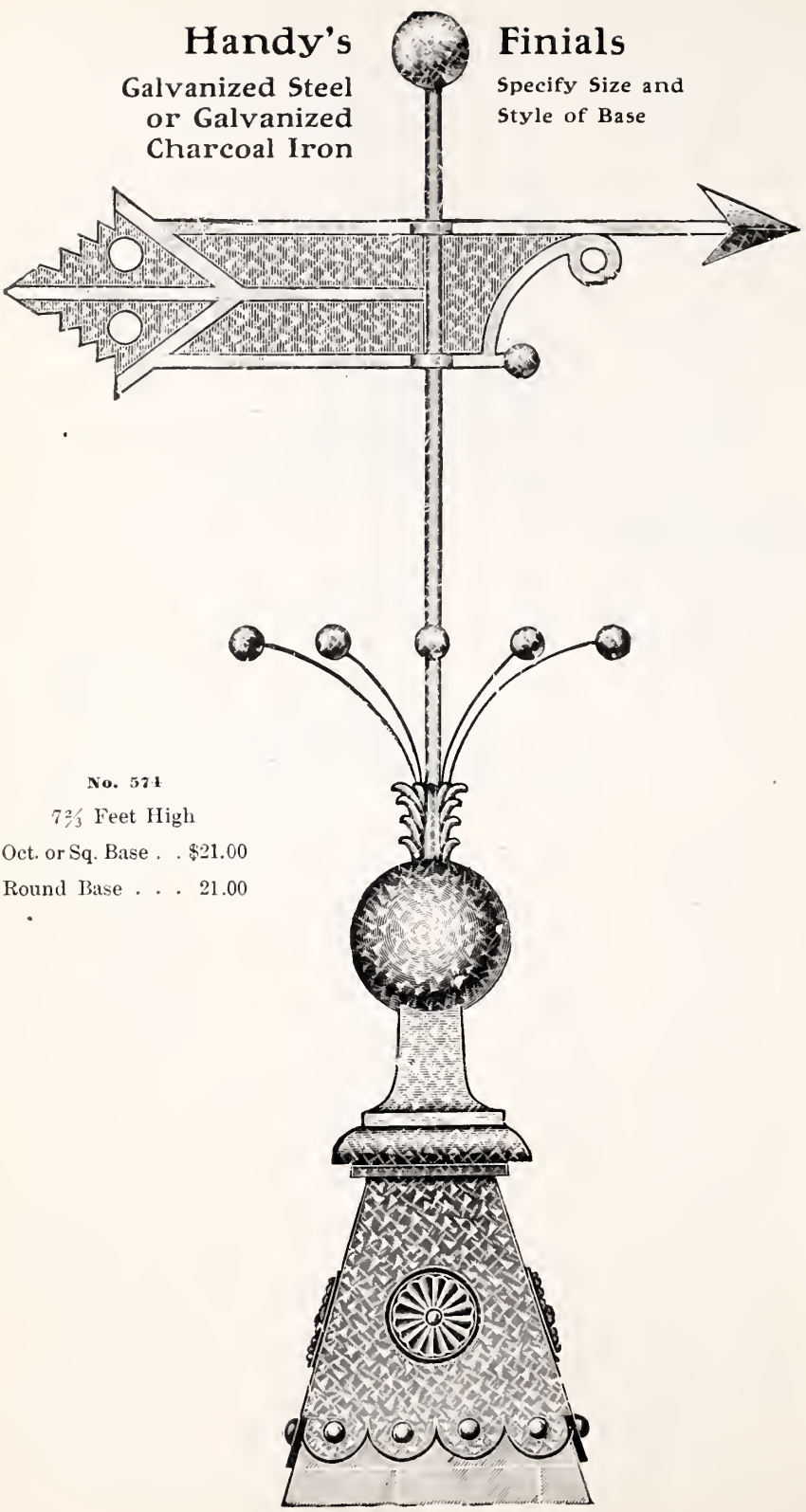


No. 659
7 Feet High
Oct. or Sq. Base . . $23.00
Round Base . . . 23.00

Handy's Finials

Galvanized Steel
or Galvanized
Charcoal Iron

Specify Size and
Style of Base



No. 574

7⅔ Feet High

Oct. or Sq. Base . . $21.00

Round Base . . . 21.00

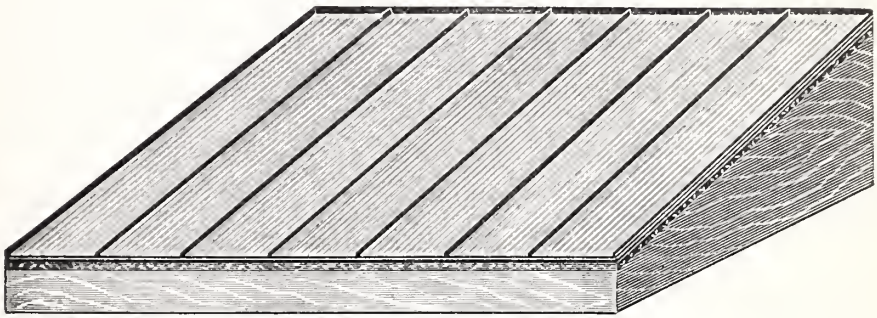
Galvanized Iron Skylights

WITH OR WITHOUT GLASS

Any style or design. Frames made of Galvanized Iron or Copper. Either plain, rough, ribbed or wired glass.

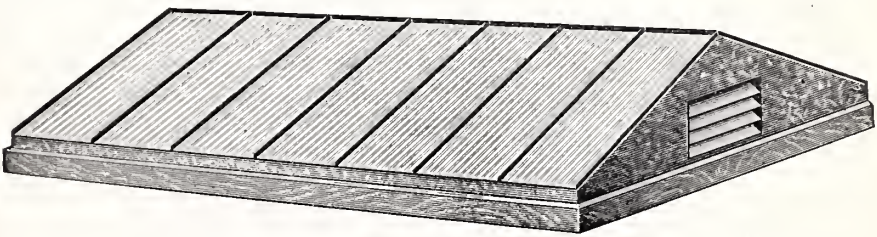
Our Skylights will not drip when properly applied, as provision is made for drainage of condensation.

Frames made to fit on Wood Curb.



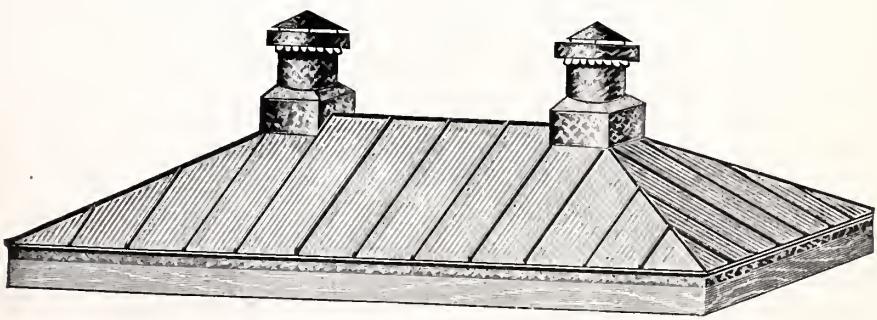
No. 880

Single Pitch—Is hinged when required and used as a scuttle. Wood Curb not furnished.



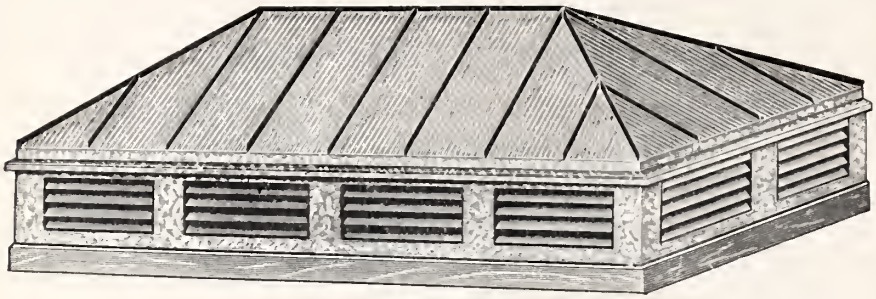
No. 881

Double Pitch—Has Stationary Louvre Ventilator on each end.



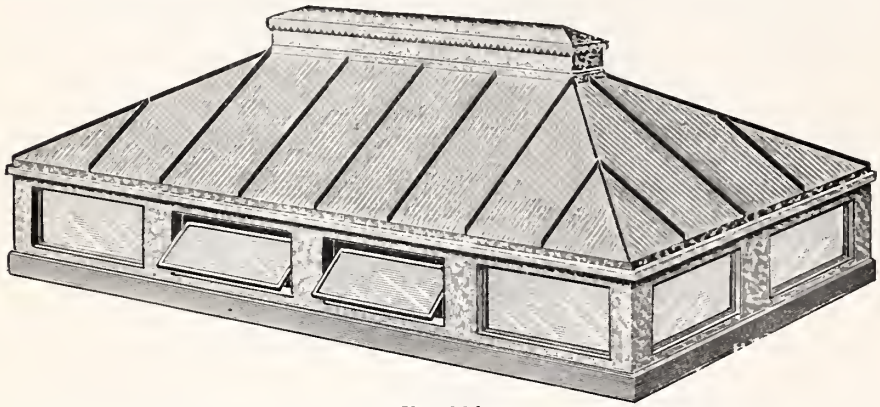
No. 882

Hipped Skylight—With Tubular Ventilators.



No. 883

Hipped Turret Skylight—With Stationary Louvre Ventilators on sides and ends.



No. 884

Hipped Turret Skylight—With Ridge Ventilator and Movable Side Sashes, with Locking Apparatus.

PRICE LIST OF SKYLIGHTS

Size from out to out of Curb.	Single Pitch No. 880	Double Pitch No. 881	Hipped No. 882	Hipped Turret No. 883	Hipped Turret No. 884
Size 3 x 3 feet	$ 8.00	$12.00	$12.75	$18.75	$26.00
" 3 x 4 "	10.00	15.00	16.00	23.50	32.50
" 3 x 5 "	11.00	16.50	17.75	25.75	35.75
" 3 x 6 "	12.00	18.00	19.25	28.00	39.00
" 4 x 4 "	11.50	17.25	18.50	27.00	37.50
" 4 x 5 "	14.00	25 00	22.50	32.75	45.50
" 4 x 6 "	16.50	24.75	26.50	38.50	53.75
" 4 x 8 "	20.00	30.00	32.00	46.75	65.00
" 5 x 9 "	25.00	37.50	40.00	58.50	81.25
" 5 x 10 "	30.00	45.00	48.00	70.00	97.50
" 6 x 8 "	28.00	42.00	44.75	65.50	81.00
" 6 x 10 "	36.00	54.00	57.75	84.00	117.00
" 6 x 12 "	40.00	60.00	64.00	93.50	130.00
" 6 x 14 "	45.00	67.50	72.00	105.00	146.25
" 8 x 10 "	42.50	63.75	68.00	99.25	138.25
" 8 x 12 "	50.00	75.00	80.00	117.00	162.50
" 8 x 14 "	58.00	87.00	93.00	135.50	188.50

Prices include ¼-inch Ribbed Glass, packed in separate cases. Wire Glass furnished when desired. Price for Wire Glass, however, will be extra.

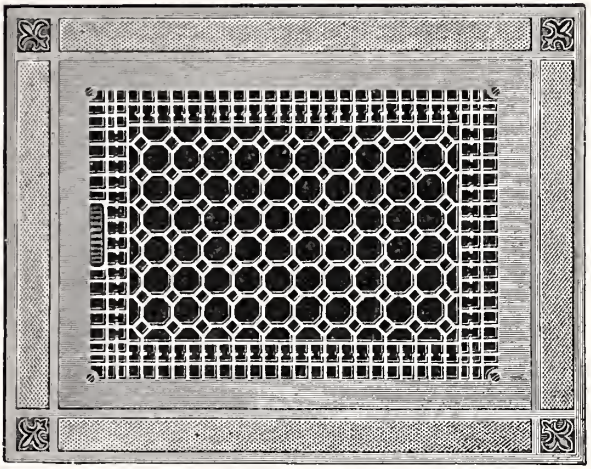
DIRECTIONS FOR ORDERING.—Give pitch and outside measurements of curb, thickness of glass, and if a Hipped Skylight, state whether with or without Ventilators. All Skylights are made *one-third pitch* unless otherwise ordered. We will submit estimates upon any style, if plan and specifications are sent to us.

Ferrosteel Registers

MOORISH DESIGN

Semi-Steel

SELF LOCKING
GLYDE MOVEMENT



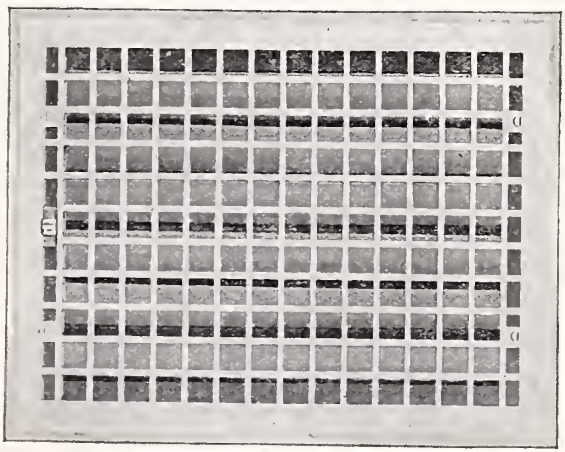
2¼ Inches Deep When Opened
Shallowest Register Made

These Registers being made with a Steel Bottom are much lighter in weight than Cast Iron, and breakage is reduced to a minimum.

PLAIN LATTICE DESIGN

Wrought Steel

SELF LOCKING
GLYDE MOVEMENT



2¼ Inches Deep When Opened
Shallowest Register Made

These goods being made of the best Wrought Steel throughout are lighter in weight than any of the Cast Iron styles.

All our Registers can be equipped with side wall or ceiling Pulleys so that they can be operated by cords or chains.

FERROSTEEL REGISTERS

Cast—Wrought Steel—Semi-Steel

BLACK JAPANNED

Size Opening	Register	Register Face	Floor Border	Size Opening	Register	Register Face	Floor Border
4 x 6	$1.40	$0.55	$1.15	12 x 14	$4.35	$2.80	$2 80
4 x 8	1.50	.60	1.15	12 x 15	4.50	2.90	2.90
4 x 10	1.55	.75	1.15	12 x 16	5.60	3.50	3.50
4 x 12	1.80	.95	1.35	12 x 17	6.35	3.80	3.80
4 x 13	2.50	1.10	1.75	12 x 18	6.80	3.90	3.90
4 x 15	3.00	1.20	1.90	12 x 19	7.50	4.00	4.00
4 x 18	4.00	1.30	2.75	12 x 20	9.00	4.50	4.50
4 x 21	5.00	2.25	3.15	12 x 24	12.25	5.50	5 50
4 x 24	6.00	2.75	3.75	12 x 30	20.00	8.20	8.20
5 x 8	1.55	.90	1.15	12 x 36	26.75	10.25	10.25
5 x 9	1.55	1.00	1.20	14 x 14	7.90	4.05	4.05
5 x 10	1.60	1.05	1.20	14 x 16	8.50	4.30	4.30
5 x 12	1.80	1.20	1.40	14 x 18	9.00	4.50	4.50
5 x 14	2.80	1.50	1.90	14 x 20	9.50	4.80	4.80
5 x 16	3.90	1.80	2.60	14 x 22	10.50	5.00	5.00
5 x 18	5.25	2.10	3.20	14 x 24	14.90	6.90	6.90
6 x 6	1.50	.90	1.15	16 x 16	11.00	5.10	5.10
6 x 8	1.55	1.00	1.15	16 x 18	12.00	5.30	5.30
6 x 9	1.60	1.05	1.20	16 x 20	12.35	6.10	6.10
6 x 10	1.60	1.05	1.20	16 x 22	14.75	6.70	6.70
6 x 12	1.85	1.25	1.45	16 x 24	15.00	7.00	7.00
6 x 14	2.85	1.65	1 90	16 x 28	24.60	10.00	10.00
6 x 16	4.00	2.00	2.70	16 x 30	27.90	11.00	11.00
6 x 18	5.20	2.25	3.25	16 x 32	31.00	13.10	13.10
6 x 20	6.00	2.50	3.50	16 x 36	36.00	16.00	16.00
6 x 22	7.00	3.00	3.95	18 x 18	18.50	7.20	7.20
6 x 24	8.00	3.70	4.50	18 x 21	20.50	7.75	7.75
6 x 28	9.50	4.25	5.40	18 x 24	21.50	8.35	8.35
6 x 30	11.50	4.75	6.00	18 x 27	27.50	10.75	10.75
6 x 32	13.00	5.25	6.50	18 x 30	31.25	13.25	13.25
7 x 7	1.55	1.00	1.20	18 x 36	38.00	17.25	17.25
7 x 10	1.65	1.10	1.25	20 x 20	19.75	8.00	8.00
7 x 12	1.90	1.25	1.50	20 x 22	21.60	8.40	8.40
7 x 14	2.95	1.90	1.90	20 x 24	22.00	8.60	8.60
8 x 8	1.60	1.05	1.20	20 x 26	23.50	9.50	9.50
8 x 10	1 65	1.10	1.25	20 x 28	28.90	11.50	11.50
8 x 12	1.90	1.30	1.50	20 x 30	33.50	13.50	13.50
8 x 14	3.00	2.00	2.00	20 x 36	43.00	18.50	18.50
8 x 16	4.50	2.70	2.70	21 x 29	29.00	11.60	11.60
8 x 18	6.60	3.50	3.50	22 x 22	28.50	11.40	11.40
8 x 20	8.70	3.90	3.90	22 x 24	29.50	11.80	11.80
8 x 21	9.00	4.00	4.00	22 x 26	31.00	13.10	13.10
8 x 24	11.25	4.70	4.70	22 x 28	33.90	13.90	13.90
8 x 30	14.70	6.30	6.30	22 x 30	36.00	16.00	16.00
9 x 9	2.00	1.40	1.60	24 x 24	30.00	12.00	12.00
9 x 12	2.10	1.45	1.65	24 x 27	33.95	14.00	14.00
9 x 13	2.95	2.00	2.00	24 x 30	38.00	17.25	17.25
9 x 14	3.10	2.15	2.15	24 x 32	42.50	18.00	18.00
9 x 16	4.70	2.70	2.70	24 x 36	50.00	22.00	22.00
9 x 18	6.65	3 60	3.60	27 x 27	37.25	17.00	17.00
10 x 10	2.35	1.65	1.70	27 x 38	56.00	25.00	25.00
10 x 12	2.40	1.70	1.75	30 x 30	49.00	21.50	21.50
10 x 14	3.15	2.20	2.20	30 x 36	67.50	28.50	28.50
10 x 16	4.85	2.95	2.95	30 x 42	77.50	33.00	29.00
10 x 18	6.70	3.70	3.70	30 x 48	95.00	39.00	31.00
10 x 20	8.90	4.35	4.35	36 x 36	80.00	35.00	29.50
12 x 12	4.00	2.70	2.70	38 x 42	120.00	50.00	36.00

Ventilators for Cords—50 cents list extra on sizes up to 14 x 14, and $1.00 list extra on sizes above.
Ask for our Special Register Catalogue, showing full line

FERROSTEEL REGISTERS

Registers, Faces and Borders

WHITE JAPANNED

Size Opening	Register	Register Face	Size Opening	Register	Register Face
4 x 6	$1.70	$0.85	12 x 14	$5.25	$3.65
4 x 8	1.80	.90	12 x 15	5.40	3.80
4 x 10	1.90	1.10	12 x 16	6.70	4.60
4 x 12	2.20	1.35	12 x 17	7.60	5.05
4 x 13	3.00	1.50	12 x 18	8.15	5.25
4 x 15	3.60	1.80	12 x 19	9.00	5.50
4 x 18	4.65	1.95	12 x 20	10.80	6.30
4 x 21	6.00	3.25	12 x 24	13.50	6.75
4 x 24	7.00	3.75	12 x 30	22.00	10.20
5 x 8	1.90	1.25	12 x 36	29.40	12.90
5 x 9	1.90	1.30	14 x 14	9.45	5.60
5 x 10	1.95	1.40	14 x 16	10.20	6.00
5 x 12	2.25	1.60	14 x 18	10.80	6.30
5 x 14	3.40	2.00	14 x 20	11.25	6.40
5 x 16	4.65	2.55	14 x 22	12.00	6.50
5 x 18	6.20	3.15	14 x 24	16.40	8.40
6 x 6	1.80	1.20	16 x 16	12.20	6.20
6 x 8	1.85	1.30	16 x 18	13.20	6.50
6 x 9	1.90	1.35	16 x 20	13.60	7.35
6 x 10	1.95	1.40	16 x 22	16 20	8.15
6 x 12	2.25	1.60	16 x 24	16.50	8.50
6 x 14	3.45	2.10	16 x 28	27.05	12.45
6 x 16	4.80	2.80	16 x 30	30.70	13.80
6 x 18	6.25	3.30	16 x 32	34.10	16.20
6 x 20	7.20	3.70	16 x 36	39.60	19.60
6 x 22	8.40	4.40	18 x 18	20.35	9.05
6 x 24	9 60	5.30	18 x 21	22.55	9.80
6 x 28	11.00	5.75	18 x 24	23.65	10.50
6 x 30	13.00	6.25	18 x 27	30.25	13.50
6 x 32	14.25	6.50	18 x 30	34.35	16.35
7 x 7	1.90	1.35	18 x 36	41.80	21.05
7 x 10	2.00	1.40	20 x 20	21.75	10.00
7 x 12	2.30	1.65	20 x 22	23.75	10.55
7 x 14	3.55	2.50	20 x 24	24.20	10.80
8 x 8	1.95	1.40	20 x 26	25.85	11.85
8 x 10	2.00	1.45	20 x 28	31.80	14.40
8 x 12	2.30	1.70	20 x 30	36.85	16.85
8 x 14	3.60	2.60	20 x 36	47.30	22.80
8 x 16	5.40	3.60	21 x 29	31.90	14.50
8 x 18	7.90	4.80	22 x 22	31.35	14.25
8 x 20	10.40	5.60	22 x 24	32.45	14.75
8 x 21	10.80	5.80	22 x 26	34.10	16.20
8 x 24	12.40	6.00	22 x 28	37.30	17.30
8 x 30	16.30	7.90	22 x 30	39.60	19.60
9 x 9	2.40	1.80	24 x 24	33.00	15.00
9 x 12	2.55	1.90	24 x 27	37.35	17.40
9 x 13	3.55	2.55	24 x 30	41.80	21.05
9 x 14	3.70	2.75	24 x 32	46.75	22.25
9 x 16	5.65	3.65	24 x 36	55.00	27.00
9 x 18	8.00	4.95	27 x 27	40.95	20.70
10 x 10	2.85	2.15	27 x 38	61.60	30.60
10 x 12	2.90	2.20	30 x 30	53.90	26.40
10 x 14	3.80	2.85	30 x 36	74.25	35.25
10 x 16	5 85	3.95	30 x 42	85.25	40.75
10 x 18	8.05	5.05	30 x 48	104.50	48.50
10 x 20	10.50	5.75	36 x 36	88.00	43.00
12 x 12	4.80	3.50	38 x 42	132.00	62.00

Ventilators for Cords—50 cents list extra on sizes up to 14 x 14, and $1.00 list extra on sizes above.

We sell any make of Register you may desire.

FERROSTEEL REGISTERS

Registers, Faces and Borders

Electro-Plated in Nickel, or Bronzed in Gold, Silver, Copper or Bronze

Size Opening	Register	Register Face	Floor Border	Size Opening	Register	Register Face	Floor Border
4 x 6	$2.00	$1.15	$1.75	12 x 14	$6.85	$5.35	$5.35
4 x 8	2.20	1.30	1.85	12 x 15	7.00	5.40	5.40
4 x 10	2.40	1.60	2.00	12 x 16	8.25	6.15	6.15
4 x 12	2.80	2.15	2.55	12 x 17	9.00	6.45	6.45
4 x 13	3.50	2.60	3.25	12 x 18	9.55	6.65	6.65
4 x 15	4.00	2.70	3.40	12 x 19	10.35	6.85	6.85
4 x 18	5.00	3.20	4.65	12 x 20	12.20	7.60	7.60
4 x 21	6.50	4.25	5.15	12 x 24	16.30	9.55	9.55
4 x 24	7.50	4.75	5.75	12 x 30	26.00	14.20	14.20
5 x 8	2.75	2.10	2.35	12 x 36	33.75	17.75	17.75
5 x 9	2.90	2.30	2.50	14 x 14	11.00	7.15	7.15
5 x 10	2.95	2.40	2.55	14 x 16	11.50	7.30	7.30
5 x 12	3.45	2.85	3.00	14 x 18	12.00	7.50	7.50
5 x 14	4.80	3.50	3.90	14 x 20	13.00	8.50	8.50
5 x 16	5.90	3.80	4.60	14 x 22	14.50	9.00	9.00
5 x 18	7.25	4.10	5.20	14 x 24	19.50	11.50	11.50
6 x 6	2.70	2.10	2.35	16 x 16	15.00	9.10	9.10
6 x 8	2.80	2.25	2.40	16 x 18	16.20	9.50	9.50
6 x 9	2.95	2.40	2.55	16 x 20	16.55	10.30	10.30
6 x 10	3.00	2.45	2.60	16 x 22	19.50	11.50	11.50
6 x 12	3.50	2.90	3.10	16 x 24	20.00	12.00	12.00
6 x 14	4.95	3.75	4.00	16 x 28	30.80	16.20	16.20
6 x 16	6.00	4.00	4.70	16 x 30	35.00	18.25	18.25
6 x 18	7.00	4.50	5.50	16 x 32	38.25	20.35	20.35
6 x 20	8.20	4.75	5.80	16 x 36	45.00	25.00	25.00
6 x 22	10.00	6.00	6.95	18 x 18	23.75	12.45	12.45
6 x 24	12.00	7.00	7.50	18 x 21	26.00	13.25	13.25
6 x 28	14.50	8.00	9.00	18 x 24	27.75	14.60	14.60
6 x 30	16.50	8.90	10.00	18 x 27	35.00	18.25	18.25
6 x 32	18.00	9.50	10.50	18 x 30	38.00	21.00	21.00
7 x 7	2.90	2.35	2.55	18 x 36	48.50	28.10	26.00
7 x 10	3.10	2.55	2.70	20 x 20	24.75	13.00	13.00
7 x 12	3.60	2.95	3.20	20 x 22	27.60	14.40	14.40
7 x 14	5.00	3.95	3.95	20 x 24	28.20	14.80	14.80
8 x 8	3.00	2.45	2.60	20 x 26	32.00	17.50	17.50
8 x 10	3.15	2.60	2.75	20 x 28	37.40	20.00	20.00
8 x 12	3.65	3.05	3.25	20 x 30	43.00	23.50	23.50
8 x 14	5.10	3.95	3.95	20 x 36	54.00	29.50	28.50
8 x 16	6.75	5.00	5.00	21 x 29	40.50	22.20	22.20
8 x 18	9.40	6.00	6.00	22 x 22	36.50	19.40	19.40
8 x 20	11.70	6.90	6.90	22 x 24	37.90	20.20	20.20
8 x 21	12.50	7.50	7.50	22 x 26	41.00	23.00	23.00
8 x 24	15.25	8.70	8.70	22 x 28	44.00	24.00	24.00
8 x 30	19.50	10.50	10.50	22 x 30	46.50	26.50	25.50
9 x 9	3.90	3.30	3.50	24 x 24	40.00	22.00	22.00
9 x 12	4.00	3.35	3.55	24 x 27	45.00	25.00	25.00
9 x 13	4.95	4.00	4.00	24 x 30	50.00	29.25	28.25
9 x 14	5.20	4.25	4.25	24 x 32	55.50	31.00	30.00
9 x 16	7.15	5.15	5.30	24 x 36	65.50	37.50	34.25
9 x 18	9.35	6.30	6.30	27 x 27	49.25	29.00	28.00
10 x 10	4.35	3.65	3.70	27 x 38	76.00	45.00	36.00
10 x 12	4.40	3.70	3.75	30 x 30	65.00	37.00	34.00
10 x 14	5.25	4.30	4.30	30 x 36	90.00	51.00	41.00
10 x 16	7.20	5.30	5.30	30 x 42	102.00	57.50	50.50
10 x 18	9.45	6.45	6.45	30 x 48	124.00	68.00	60.00
10 x 20	12.00	7.50	7.50	36 x 36	105.00	60.00	54.50
12 x 12	6.35	5.05	5.05	38 x 42	155.00	85.00	71.00

Ventilators for Cords—50 cents list extra on sizes up to 14 x 14, and $1.00 list extra on sizes above.

We sell Registers made by any of the manufacturers.

FERROSTEEL REGISTERS

Registers, Faces and Borders

Electro-Plated in Copper, Brass or Bronze—Oxidized or Sand Blast Finish

Size Opening	Register	Register Face	Floor Border	Size Opening	Register	Register Face	Floor Border
4 x 6	$2.20	$1.35	$2.10	12 x 14	$8.25	$6.75	$7.35
4 x 8	2.40	1.50	2.15	12 x 15	8.50	6.90	7.60
4 x 10	2.60	1.80	2.40	12 x 16	9.75	7.65	8.25
4 x 12	3.10	2.45	3.00	12 x 17	10.60	8.05	8.65
4 x 13	3.80	2.90	3.75	12 x 18	11.25	8.35	9.00
4 x 15	4.30	3.00	4.00	12 x 19	12.25	8.75	9.25
4 x 18	5.40	3.60	5.00	12 x 20	14.10	9.50	9.90
4 x 21	7.00	4 75	6.00	12 x 24	18.60	12.10	12.25
4 x 24	8.10	5.35	7.00	12 x 30	29.00	18.00	17.00
5 x 8	3.00	2.35	2.90	12 x 36	36.25	23.25	21.50
5 x 9	3.15	2.50	3.10	14 x 14	14.30	9.60	10.00
5 x 10	3.25	2.70	3.25	14 x 16	16.50	11.00	11.00
5 x 12	3.90	3.30	3.75	14 x 18	18.50	12.00	12.15
5 x 14	5.20	3.90	4.50	14 x 20	20.50	13.00	12.75
5 x 16	6.40	4.30	5.60	14 x 22	22.50	14.50	13.50
5 x 18	7.85	4.75	6.30	14 x 24	26.00	16.50	15.00
6 x 6	3.00	2.40	2.95	16 x 16	19.75	12.80	12.50
6 x 8	3 10	2.50	3.00	16 x 18	22.25	14.25	13.25
6 x 9	3.40	2.85	3.45	16 x 20	24.60	16.00	14.00
6 x 10	3.50	2.95	3.60	16 x 22	28.00	18.00	16.00
6 x 12	4.20	3.60	4.10	16 x 24	29.60	19.25	17.10
6 x 14	5.75	4.50	5.30	16 x 28	35.00	22.75	18.80
6 x 16	6.90	4.90	6.10	16 x 30	37.50	25.00	21.60
6 x 18	8.00	5.50	7.00	16 x 32	42.00	27.50	22.00
6 x 20	9.30	5.85	7.40	16 x 36	50.00	33.00	27.00
6 x 22	11.25	7.25	8.65	18 x 18	26.00	16.50	15.00
6 x 24	13.30	8.30	9.30	18 x 21	30.00	19.00	18.00
6 x 28	16.00	9.50	11.00	18 x 24	34.25	22.50	18.75
6 x 30	18.25	10.65	12.10	18 x 27	39.00	25.50	21.70
6 x 32	21.00	12.50	12.60	18 x 30	43.00	28.50	22.70
7 x 7	3.50	2.95	3.55	18 x 36	54.00	36.00	28.00
7 x 10	3.80	3.25	3.80	20 x 20	32.40	21.20	18.10
7 x 12	4.35	3.70	4.35	20 x 22	35.70	23.50	19.00
7 x 14	6.10	5.00	5.50	20 x 24	39.00	25.50	21.70
8 x 8	3.70	3.15	3.65	20 x 26	42.00	27.50	22.00
8 x 10	3.85	3.30	3.90	20 x 28	45.50	30.00	24.50
8 x 12	4.40	3.75	4.40	20 x 30	49.00	32.50	26.00
8 x 14	6.20	5.10	5.60	20 x 36	59.00	39.00	31.50
8 x 16	8.00	6.25	7.00	21 x 29	52.00	34.00	27.50
8 x 18	10.70	7.30	8.00	22 x 22	41.00	27.00	21.75
8 x 20	13.00	8.25	9.00	22 x 24	44.00	29.00	23.00
8 x 21	14.00	9.00	9.70	22 x 26	48.00	32.00	25.50
8 x 24	17.00	10.50	11.10	22 x 28	52.00	34.00	27.50
8 x 30	21.60	12.60	13.50	22 x 30	55.00	36.50	28 75
9 x 9	4.90	4.30	4.75	24 x 24	49.00	32.50	26.00
9 x 12	5.10	4.45	5.00	24 x 27	56.00	37.00	29.00
9 x 13	6.15	5.20	5.70	24 x 30	62.00	41.50	32.00
9 x 14	6.50	5.50	5.95	24 x 32	66 00	44.50	34.00
9 x 16	8.55	6.55	7.10	24 x 36	74.00	50.30	36.50
9 x 18	11.00	7.95	8.40	27 x 27	66.00	44.50	34.00
10 x 10	5 35	4.65	5.20	27 x 38	94.00	64.00	46.00
10 x 12	5.50	4.80	5.35	30 x 30	85.00	56.00	41.00
10 x 14	6 55	5.60	6.00	30 x 36	102.00	70.00	48.00
10 x 16	8.60	6.70	7.20	30 x 42	119.00	87.00	60.00
10 x 18	11.00	8 00	8.55	30 x 48	136.00	94.00	72.00
10 x 20	13.80	9.30	9 80	36 x 36	127.00	83.00	66.00
12 x 12	7.90	6.60	7.10	38 x 42	160.00	100.00	83 50

Registers, Faces and Borders can be furnished in any special Electro Plated Finishes desired, on special order only. In case of special Electro Platings send sample of hardware to be matched, if possible.

Ventilators for Cords—50 cents list extra on sizes up to 14 x 14, and $1.00 list extra on sizes above.

FERROSTEEL REGISTERS

Registers, Faces and Borders

SOLID BRASS OR BRONZE METAL

Size Opening	Register	Register Face	Floor Border	Size Opening	Register	Register Face	Floor Border
4 x 6	$2.80	$2.20	$5.40	12 x 14	$16.10	$14.00	$16.30
4 x 8	2 90	2.35	5.65	12 x 15	16.80	14.25	16.40
4 x 10	3.75	3.00	6.60	12 x 16	18.00	15.60	17.70
4 x 12	4.50	3.60	7.50	12 x 17	19.10	16.05	17.85
4 x 13	4.90	3.85	8.05	12 x 18	20.50	17.30	18.00
4 x 15	5.60	4.35	8.95	12 x 19	21.35	18.10	18.25
4 x 18	6.75	5.30	9.95	12 x 20	22.40	19.00	19.10
4 x 21	7.85	6.05	10.80	12 x 24	26.95	22.80	22.15
4 x 24	9.00	6.95	11.50	12 x 30	33.65	28.50	24.75
5 x 8	3.55	2.80	6.15	12 x 36	40.40	34.25	28.25
5 x 9	4.00	3.20	6.65	14 x 14	19.00	16.00	17.80
5 x 10	4.45	3.50	7.15	14 x 16	21.70	18.25	18.70
5 x 12	5.35	4.25	8.20	14 x 18	24.50	20.50	20.50
5 x 14	6.20	4.95	9.20	14 x 20	27.10	23.10	22.50
5 x 16	7.15	5.65	10.05	14 x 22	29.85	25.45	23.60
5 x 18	8.00	6.25	10.95	14 x 24	32.50	27.50	23.65
6 x 6	3.60	2.90	6.25	16 x 16	25.15	21.00	21.00
6 x 8	4.10	3.30	6.70	16 x 18	29.00	24.80	23.50
6 x 9	4.60	3.70	7.55	16 x 20	32.75	28.00	24.25
6 x 10	5.10	4.05	8.10	16 x 22	35.40	30.20	25.55
6 x 12	6.15	4.90	9.15	16 x 24	38.65	33.00	27.60
6 x 14	7.15	5.65	10.05	16 x 28	45.10	37.20	29.75
6 x 16	8.20	6.50	11.00	16 x 30	48.30	41.15	31.50
6 x 18	9.30	7.35	11.75	16 x 32	51.00	43.40	33.35
6 x 20	10.25	8.15	12.50	16 x 36	57.00	48.00	35.00
6 x 22	12.00	9 50	13.45	18 x 18	33.65	28.50	24.75
6 x 24	14.00	12.00	14 40	18 x 21	39.30	33.70	27.65
6 x 28	16.75	14.20	16 35	18 x 24	44.95	37.00	29.50
6 x 30	19.00	16.00	17.80	18 x 27	50.20	42.90	32 50
6 x 32	22 00	18.50	18.80	18 x 30	56.15	47.75	34.75
7 x 7	4.25	3.40	6.75	18 x 36	67.35	57.75	38.30
7 x 10	6.05	4.85	9.10	20 x 20	43.90	36.75	29.00
7 x 12	7.35	6.00	10.20	20 x 22	48.30	41.15	31.50
7 x 14	8.50	6.85	11 05	20 x 24	51.50	44.00	33.50
8 x 8	5.60	4.35	8.95	20 x 26	55.75	47.00	34 65
8 x 10	7 00	5 55	10.00	20 x 28	60.00	49.75	36.00
8 x 12	8.60	6.90	11.10	20 x 30	64.35	55.10	37.00
8 x 14	9.80	8.10	12.10	20 x 36	77.20	66.15	50.00
8 x 16	11 20	9.25	12.90	21 x 29	66.35	56.75	37.30
8 x 18	12 80	10.60	13 65	22 x 22	52.70	45.00	34.50
8 x 20	14.00	12.00	14.40	22 x 24	57.00	48 00	35.00
8 x 21	15.00	13.80	16.15	22 x 26	62.70	50.00	36.50
8 x 24	18.00	15 60	17.70	22 x 28	67.10	57.50	38.00
8 x 30	22.25	18 65	19.00	22 x 30	71.90	61.70	43.10
9 x 9	7.20	5.95	10.10	24 x 24	66.35	56.75	37.30
9 x 12	9.60	8.00	12.00	24 x 27	74.00	64.00	47.50
9 x 13	10.45	8.60	12.60	24 x 30	82.00	70.00	54.00
9 x 14	11.20	9.25	12.90	24 x 32	86.25	75.00	57.00
9 x 16	12.80	10.60	13.65	24 x 36	98.40	85.10	64.00
9 x 18	14.45	12.45	14 50	27 x 27	86.25	75.00	57.00
10 x 10	9.50	7.50	11.80	27 x 38	121.90	104.50	78.00
10 x 12	11.00	9.15	12.80	30 x 30	111.35	97.00	74.00
10 x 14	12.65	10.55	13.60	30 x 36	128.15	110.00	83.00
10 x 16	14.45	12.45	14.50	30 x 42	156.00	135.15	110.00
10 x 18	16 10	14.00	16.30	30 x 48	178.20	155.00	125.00
10 x 20	18.00	15.60	17.70	36 x 36	156.00	135.15	110.00
12 x 12	13.75	11.45	14.15	38 x 42	192.50	165.00	135.00

Ventilators for Cords—50 cents list extra on sizes up to 14 x 14, and $1.00 list extra on sizes above.
We can furnish Registers made by any factory desired.

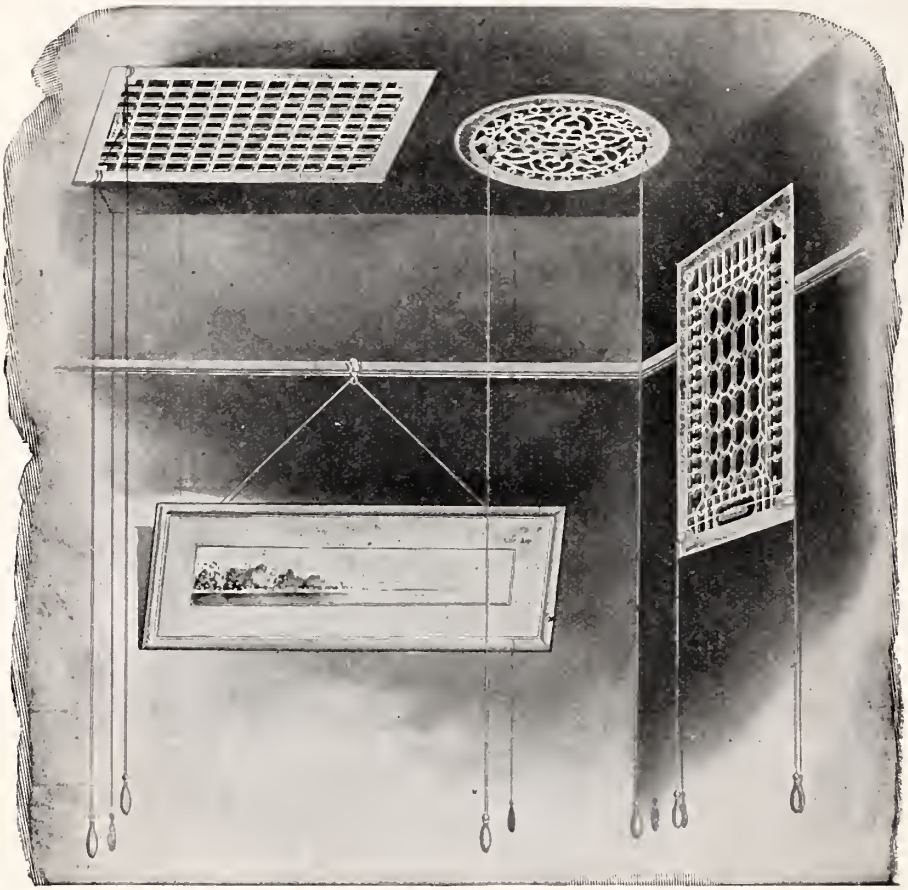
Ferrosteel Round Registers Faces and Borders

INDIAN DESIGN

Size, Inches	Japanned Black			Japanned White		Bronzed Gold, Silver Etc.		Electro-Plated Brass, Bronze and Copper		Electro-Plated Nickel	
	Register	Face	Border	Register	Face	Register	Border	Register	Border	Register	Border
6	$1.50	$ .90	$1.15	$1.80	$1.20	$2.70	$2.35	$3.00	$2.95	$2.70	$2.35
7	1.55	1.00	1.20	1.90	1.35	2.90	2.55	3.50	3.55	2.90	2.55
8	1.60	1.05	1.20	1.95	1.40	3.00	2.60	3.70	3.65	3.00	2.60
9	2.00	1.40	1.60	2.40	1.80	3.90	3.50	4.90	4.75	3.90	3.50
10	2.35	1.65	1.70	2.85	2.15	4.35	3.70	5.35	5.20	4.35	3.70
12	4.00	2.70	2.70	4.80	3.50	6.35	5.05	7.90	7.10	6.35	5.05
14	7.90	4.05	4.05	9.45	5.60	11.00	7.15	14.30	10 00	11.00	7.15
16	11.00	5.10	5.10	12.20	6.20	15.00	9.10	19.75	12.50	15.00	9.10
18	18.50	7.20	7.20	20.35	9.05	23.75	12.45	26.00	15.00	23.75	12.45
20	19.75	8.00	8.00	21.75	10.00	24.75	13.00	32.40	18.10	24.75	13.00
24	30.00	12.00	12.00	33.00	15.00	40.00	22.00	49.00	26.00	40.00	22.00
28	44.00	19 00	19.00	48 40	23.40	57.50	31.00	72.00	36.40	57.50	31.00
30	49.00	21.50	21.50	53.90	26.40	65.00	34.00	85.00	41.00	65.00	34.00
36	80.00	35.00	29.50	88.00	43.00	105.00	54.50	127.00	66.00	105.00	54.50
42		48.00	37.50								
48		60.00	45.00								

For Ventilators add to list: All sizes up to 14 inches, $0.50;
14 inches and larger, $1.00

Ferrosteel Ventilators



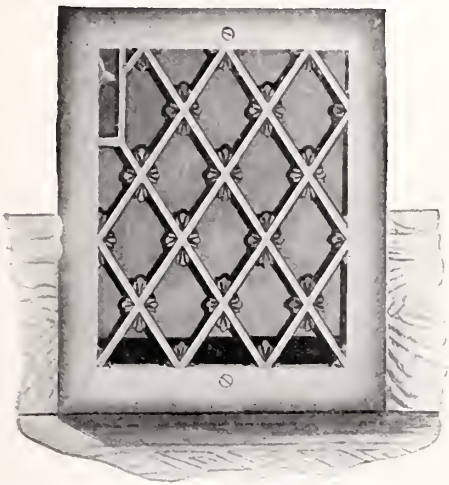
This illustration shows Moorish Side Wall Ventilator, Square Ceiling Ventilator and Round Ceiling Ventilator, with Cords, in position, ready for use.

Indicator Handles for Cords, Indicating "Open" or "Shut"

Japanned, per pair net	Bronzed, per pair net	Nickel Plated, per pair net	Bronze Metal, per pair net	Cord, per yard net	No. 00 Safety Chain, per yard net
$0.10	$0.15	$0.15	$0.20	$0.03	$0 08

For prices of Ventilators, see foot notes at bottom of pages showing Register price list.

Ferrosteel Imperial Baseboard Registers



(Patent Leased)

Made with Single Valve

These Baseboard Registers, Styles A and B, set on the floor and have large face openings, giving a net air capacity of over 80 per cent. of the size given in the list, figured in square inches.

STYLE A

To Set Vertically

This register has a flange on the side of the face to receive the Baseboard and can be used with a regular stackhead.

PRICE LIST STYLE A VERTICAL

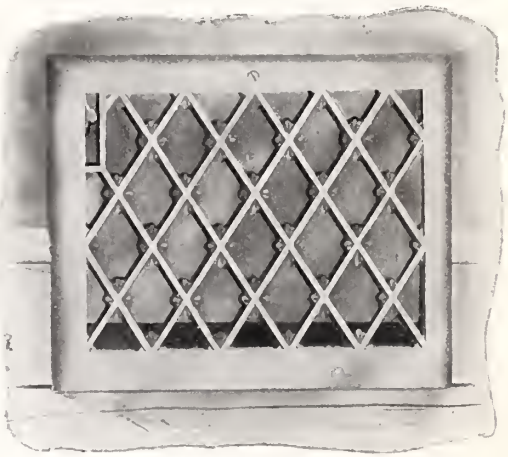
Size of Opening	Black Japanned	White Japanned	Electro Plated or Oxidized Copper
8 x 10	$2.00	$2.35	$3.85
9 x 12	2.50	3.00	4.40
10 x 12	3.75	4.35	6.00

STYLE B

To Set Horizontally

This Register projects at the bottom on the floor line and takes a supply pipe 2 inches deeper than studding. This pipe can be extended to the second floor.

NOTE—The Register is attached to frame by one screw only.



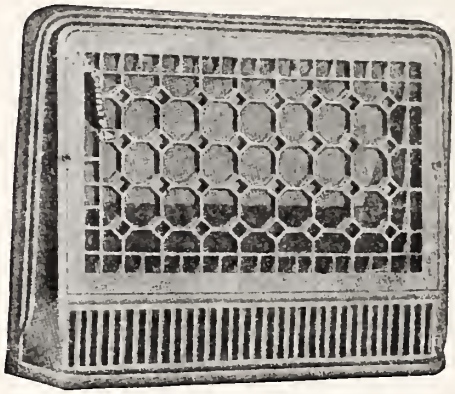
PRICE LIST STYLE B HORIZONTAL

Size of Opening	Black Japanned	White Japanned	Electro Plated or Oxidized Copper
8 x 10	$2.00	$2.35	$3.85
9 x 12	2.50	3.00	4.40
10 x 12	3.75	4.35	6.00
10 x 14	4.50	5.25	7.50
12 x 14	5.25	5.90	9.00

The Ferrosteel Baseboard Side Wall Register

(Patent Leased)

Can be used in Thin Partitions, Shallow Flues or Baseboards.



This Register sets on the floor and projects 2 inches from the baseboard, taking a supply pipe 3 inches deeper than the studding.

The openings in the Face are ample, giving the largest possible air capacity combined with a handsome appearance.

A SPECIAL WALL FRAME

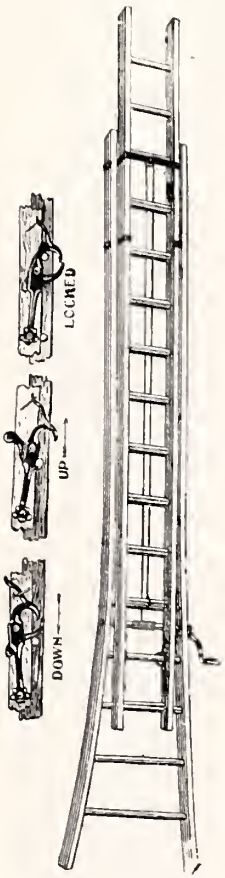
is provided which may be set when the Heater Pipes are installed and to which the Register is attached by two screws after plastering is finished.

PRICE LIST

(Complete with wall frame)

Prices are for Registers only. We do not handle Pipe Fittings.

Size	For Round Pipe, inches	Capacity of Round Pipe, square inches	Net Air Opening in Register Face, square inches	Black Japanned	White Japanned	Bronzed, in Gold	Oxidized Copper Plated	Electro-Plated in Bronze, Brass, Copper or Nickel
7 x 10	7	38	47	$2.55	$3.00	$4.50	$4.50	$4.50
7 x 12	8	48	56	3.40	3.90	5.50	5.50	5.50
8 x 13	9	63	70	4.25	4.85	6.60	6.60	6.60
8 x 15	10	78	80	5.10	5.85	7.60	7.60	7.60
8 x 17	11	95	95	6 75	7.65	10.50	10.50	10.50
10 x 12	10	78	80	5.10	5.85	7.60	7.60	7.60
10 x 13	10	78	86	5.50	6.35	8.00	8.00	8.00
12 x 14	12	113	112	7.15	8.15	12.00	12.00	12.00
12 x 15	12	113	120	7.65	8.65	12.50	12.50	12.50
12 x 18	14	154	144	10.15	11.65	16.50	16.50	16.50



EXTENSION

"Faultless" Improved Automatic Extension

This ladder is made of the best selected Norway pine for side rails and Rock elm rungs. Our catch is constructed of the best malleable iron and works perfectly, being easily operated with or without a rope, and is simply a gravity catch and requires no spring or extra rope to operate it. It consists of only two working parts and is bolted to the side rail. No screws to work loose and no rivets to break off.

NEW PRICE LIST

Length of Section	Length Extended	Price
10 feet	17 feet	$ 5.00
12 "	21 "	6.00
14 "	25 "	7.00
16 "	29 "	8.50
18 "	33 "	10.60
20 "	37 "	12.70

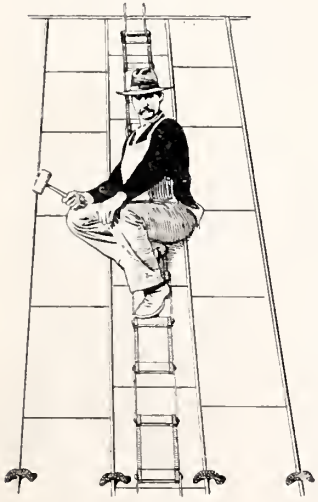
Discount.....per cent.

Single Ladders

Length	Price
10 to 16 feet	per foot $ .18
18 to 20 "	" " .20

Discount.....per cent.

SINGLE



Danzer's Folding Roof Ladder

Just the thing for Tinners, Slaters, Painters, Repairmen, etc. The most convenient ladder ever made for Roofers. A 20-foot ladder folds as shown, to a size 8½ x 14 x 14 inches, and weighs 1⅝ pounds to the foot. Made of steel with hard wood cross-pieces. Can be shortened to any length. Made in any length from 16 feet up in even feet.

Price, ... 25 cents per foot, net.

Clayton & Lambert's Gasoline Fire Pots

For Tinners, Galvanized Iron and Copper Workers

No. 1

In these Fire Pots we offer the trade the result of the makers' long experience, special skill, and determination *to make the best Fire Pot on earth.* They are quicker, cleaner and cheaper than charcoal, heating the heaviest irons in half the time required by any other make of Fire Pot.

PRICE LIST

No. 1 . . . . . $6.00 net
No. 5 . . . . . 4.50 "

No. 5

No. 20 COIL FIRE POT

Tank is made of heavy galvanized iron, with brass pump. We consider this the best plumber's Fire Pot made for the price.

Price . . . . . $4.00 net

No. 10 COIL FIRE POT

Is like No. 20, except it has bulb pump, which some prefer.

Price . . . . . $3.75 net

Clayton & Lambert's Gasoline Torches

Nos. 31 and 37

These Torches have no equal where intense heat is desired, especially for work in the wind. It is well made and holds one quart. The burner is a powerful generator, producing a strong blast heat, consuming little gasoline. Made of polished brass.

PRICE LIST

No. 31, holds one quart $3.75
No. 37, " " pint 3.25
No. 32, " " quart 4.00
No. 38, " " pint 3.50

No. 32 is exactly like the No 31, except that the burner is fitted with hook and support for holding soldering coppers which makes it convenient for repair men.

Nos. 32 and 38

COIL FIRE POT REPAIR LIST

RESERVOIR.

$1.80 EACH.
$2.30 BY EXPRESS

No. 3 SHIELD.

$1.00 EACH.
$1.45 BY EXPRESS.

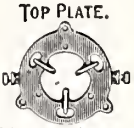
AIR VALVE.

30¢ EACH. 35¢ BY MAIL.

VALVE.

45¢ EACH 53¢ BY MAIL.

TOP PLATE.



20¢ EACH. 30¢ BY MAIL.

COIL CUP.

30¢ EACH. 35¢ BY MAIL.

HANDLE. FILLER.

8¢ EACH. 9¢ BY MAIL. 15¢ EACH. 20¢ BY MAIL.

COIL.

40¢ EACH 50¢ BY MAIL.

ELL. TEE.

MAL 6¢
BRASS 10¢ MAL. 6¢
7-11¢ BY MAIL. BRASS 15¢ 6¢ EACH
8 & 17¢ MAIL 7¢-MAIL.

PLUG. NUTS.

2¢ EACH.
3¢-MAIL.

No. 1 OR 2 SHIELD.

50¢ EACH
65¢ BY EXPRESS.

HANDLE.

25¢ EACH.
35¢ BY MAIL.

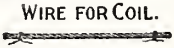
UPRIGHT.

8¢ EACH 10¢ BY MAIL.

CONNECTING PIPE.

8¢ EACH. 10¢ BY MAIL.

WIRE FOR COIL.



5¢ EACH 6¢ BY MAIL.

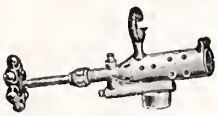
BURNER.

10¢ EACH. 11¢ BY MAIL.

BULB.

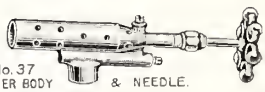
35¢ EACH. 40¢ BY MAIL.

Brass Pumps used on No. 20, 50c. If by mail, 60c.



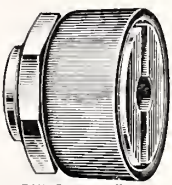
NO. 32 BURNER BODY & NEEDLE.
$1.30 NET. $1.50 EXPRESS PAID

No. 31 BURNER BODY & NEEDLE.
$1.15 NET. $1.35 EXPRESS PAID.



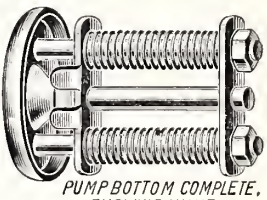
No. 37 BURNER BODY & NEEDLE.
$1.15 NET. $1.35 EXPRESS PAID.

NO 38 BURNER BODY & NEEDLE
$1.30 NET. $1.50 EXPRESS PAID.

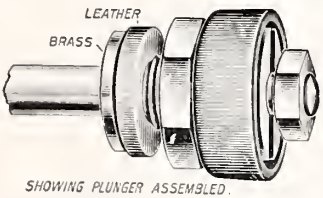


PUMP SLIDE. COMPLETE.

CUP LEATHER.

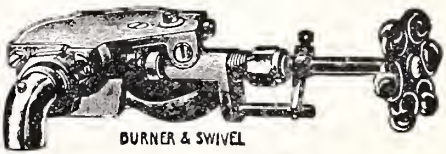


PUMP BOTTOM COMPLETE, SHOWING VALVE.



SHOWING PLUNGER ASSEMBLED.

FILLER PLUG.
15c—mail 18c



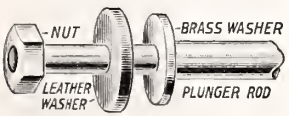
BURNER & SWIVEL
$2.00 net, if by mail $2.20

BELOW WE GIVE COST OF PUMP REPAIRS

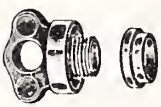
One set Cups and Washers, consisting of 1 each cup leather plunger, pump collar and filler plug washer, 5 cts. each. If by mail, 7 cts.

PUMP FOR FIRE POT.
50c, if by mail 60c

PUMP COLLAR.
10c if by mail 11c



AIR VALVE.
25c, by mail 30c



FILLER
25c, by mail 30c

SWIVEL.
50c, by mail 55c.

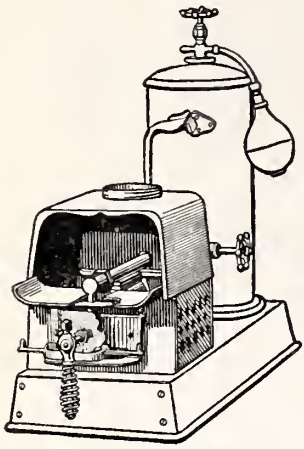
Cup Leathers only.....3c. each; if by mail, 4c.
Hex. Nuts, any size.....1c. each; if by mail, 2c.
Pump Caps.....5c. each; if by mail, 6c.
Plunger Knobs.....5c. each; if by mail, 6c.
Cork Washers.....1c each; if by mail, 2c.
Springs.....1c. each; if by mail, 2c.
Cork Holder.....5c. each; if by mail, 6c.

Spring Plates.....5c. each; if by mail, 6c.
Plunger Rod.....10c. each; if by mail, 12c.
Plunger Rod complete with knob, cap, slide, 25c. each; if by mail, 30c.
Pump complete.....50c. each; if by mail, 60c.
Pump Collar..... .... 10c. each; if by mail, 12c.

Gasoline Furnaces

PERFECTION

No Noise. No Smoke. No Odor.

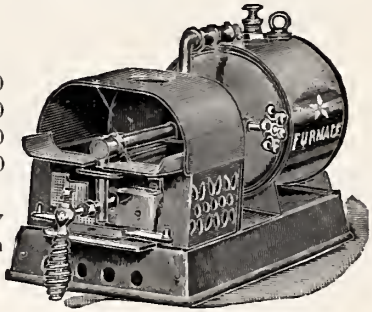


No. 3 Gem Brass Reservoir

PRICE LIST

No. 3 Gem	$7.50
No. 10 Star	5.50
Plumbers' Hood	.50
Melting Pot	.50

Hood and Pot can only be used on No. 3 Gem Furnace



No. 10 Star Galvanized Reservoir

Metal Pots

Our Metal Pot is of the deep pattern, holds sufficient metal, and will fit any make of gasoline furnace on the market.

Size	Net Price
5 inch	$0.25
6 "	.35

TWO LIPS

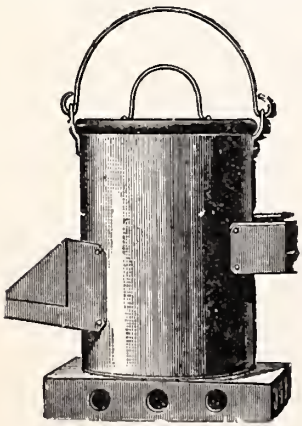
ONE LIP

Nos. 2, 3 and 4

Wrought Steel Ladles

Nos. 20, 30 and 40

	No. 2	No. 20	No. 3	No. 30	No. 4	No. 40
Size	3 in.	3 in.	3½ in.	3½ in.	4 in.	4 in.
Net Price	15c.	20c.	20c.	25c.	20c.	30c.



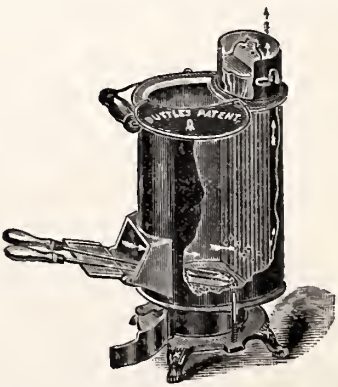
No. 5 Galvanized Iron

Charcoal Furnaces

PRICE LIST

No. 5 Gal. Iron	$1.25
Buttle's Patent	2.25

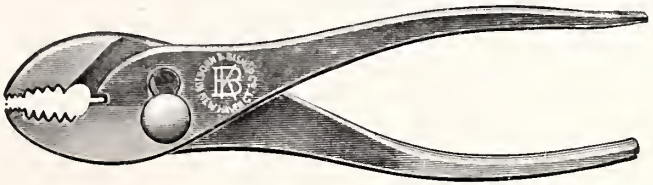
Discount.....per cent.



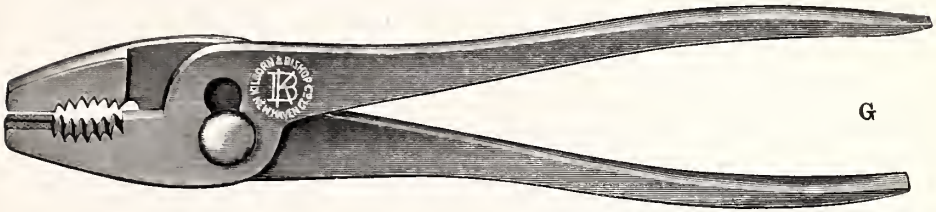
Buttle's Patent

Improved Combination Pliers

Gas Pliers, Wire Cutters, Wrench and Screw-Driver Combined



6 inch, price per dozen.....Black, $13.50 Nickeled, $15.00



G

10 inch, price per dozen .....Black, $18.00 Nickeled, $21.00

Discount.....per cent.

Gas and Burner Pliers

Inches	8	9	10	11	12
Polished .....per doz.,	$11.00	$12.00	$15.00	$16.00	$17.00

Discount.....per cent.

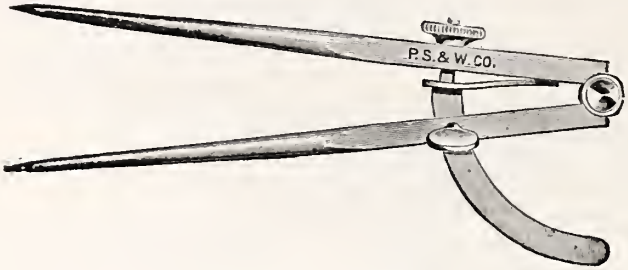
Combined Pliers and Cutting Nippers

Button's Pattern, Forged Steel

Inches	6	8	10
Will cut Wire No.	11	8	6
Per dozen	$12.00	$15.00	$20.00

Discount.....per cent.

Wing Dividers



Forged Steel, Polished

Inches	5	6	7	8	9	10	12	15	18	24
Per dozen	$5.50	$5.50	$6.50	$7.50	$9.00	$10.00	$12.00	$18.00	25.00	36.00

Discount.....per cent

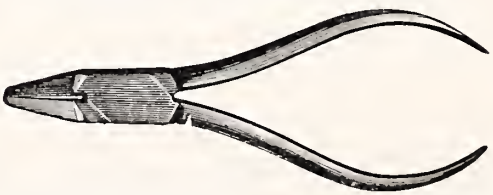
Acme Nippers

The Best Nippers in America

Nos.	2	3
Length, inches	11	10
Width of Cutter, inches	1⅝	1½
Price per pair	$2.00	$1.75
Extra Blades, per pair	.55	.55

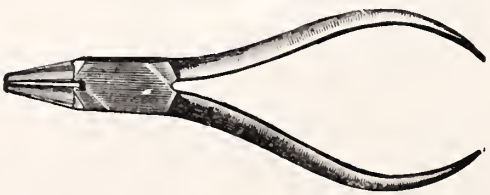
Discount.....per cent.

Forged Steel Pliers



No. 20—Forged Steel, Box Joint, Flat Nose

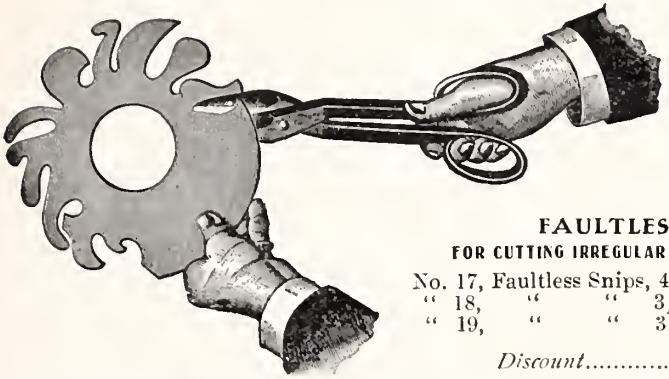
Inches	4	4½	5	6	7	8
Per dozen	$4.50	$4.50	$5.00	$6.00	$8.50	$12.50



No. 25—Forged Steel, Box Joint, Round Nose

Inches	5	6	7
Per dozen	$5.00	$6.00	$8.50

Handy's "Faultless" Snips



Guaranteed the Best

FAULTLESS SNIPS
FOR CUTTING IRREGULAR AND STRAIGHT LINES

No. 17, Faultless Snips, 4 in. cut, each . $2.50
" 18, " " 3½ " " " . 2.00
" 19, " " 3 " " " . 1.50

Discount.....per cent.

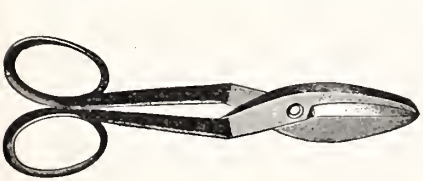
Faultless Snips are made with straight blades, but the jaws are ground and shaped in such manner that they can be used as readily for cutting curves and irregular shapes as for straight work, thus combining all the advantages of both the circular and straight snip in one tool.

Handy's "Royal" Snips

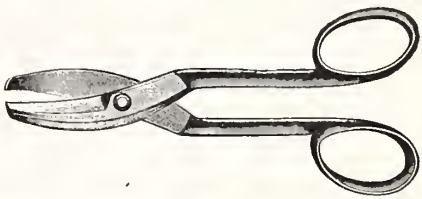
Every pair Warranted

The Best by test. Will snip the head of a nail and then cut the thinnest tissue.

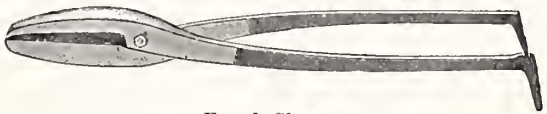
The frames of the "Faultless" Snip are made entirely of Forged Steel. On the inside of the blades a piece of the finest Crucible Steel is welded, giving the "Faultless" Snip a perfect cutting edge. Being perfectly tempered they will stand the roughest of work, and the edges will not break or chew.



Straight Snips



Circle Snips



Bench Shears

SNIPS OR HAND SHEARS

Nos.	10	9	8	7	6½	06½
Will cut, inches	2½	3	3½	4	4½	4½
Straight, per pair	$1.40	$1.50	$2.00	$2.50	$3.00	$4.50
Circular, " "	2.25	2.50	3.00	3.50	4.00	

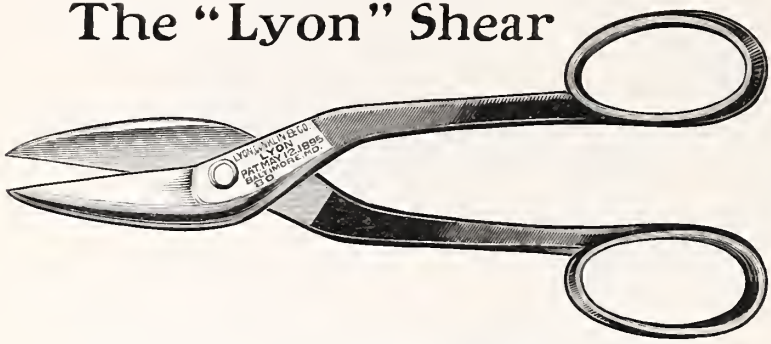
BENCH SHEARS

Nos.	00	0	1	2	3	4	5	6
Will cut, inches	12	10½	9	8⅝	8⅜	8	7	6
" " Iron No.	16	18	20	22	19	20	21	22
	$13.50	$12.00	$8.00	$7.00	$6.00	$5.00	$4.00	$3.50

Discount.....per cent.

Reversed Blade Snips (Right Hand Cut), same as above, but with left handles for left-handed workmen, 50c. per pair extra list.

The "Lyon" Shear



FOR CUTTING SCROLLS AND CIRCLES

These Shears are especially adapted to cornice and tin work, and are made so as to easily cut circles, scrolls, etc. They are equally well adapted for the same class of work as the regular snips. The blades are rounding and very sharp pointed and can be used for the most delicate work. They are made of the best material; have forged handles and steel blades and are fully warranted.

No.			Weighs	Each
65—Hand, cut 4 inches,	length 15½ inches		3 lbs.	$3.00
70—Hand, cut 3½ inches,	length 14 inches		2¼ lbs.	2.50
80—Hand, cut 3 inches,	length 13 inches		1¾ lbs.	2.00
90—Hand, cut 2½ inches,	length 12½ inches		1½ lbs.	1.50

Universal Hand Shears

IMPORTED

Made of Steel of an extra superior quality, highly tempered. They not only cut along straight lines but will follow any description of curves, leaving a very clean cut edge. Recommended for cutting tin and light gauge iron sheets—should not be used for heavy work.

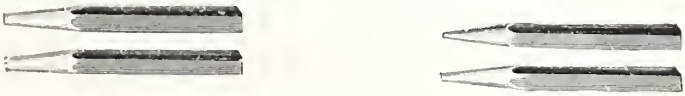
Style No. 4—12 inches long, Polished Blades, each $4.50 net.

Double Cutting Shears

	Each
No. 2—Medium, with Crimper, length 13 inches	$3.60
No. 22—Medium, without Crimper, length 13 inches	2.75

Discount.....per cent.

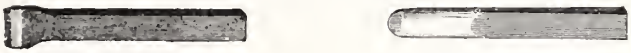
Solid Punches



Nos.	0	1	2	3	4	5	6	7	8
Size of hole . . . inches	9/32	1/4	7/32	3/16	11/64	5/32	9/64	1/8	7/64

Set of Solid Punches (4 punches, 2 chisels) .....per set, $0.72
Solid Punches, cast steel, Nos. 0, 1, 2, 3, 4, 5, 6, 7, 8 and prick.....each, .12

Wire Chisels

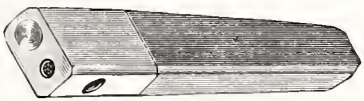


WIRE CHISEL LANTERN CHISEL

Size ..... inches,	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2
Wire Chisels.....each,	8c.	9c.	10c.	11c.	12c.	13c.	14c.	15c.	17c.	19c.	20c.	24c.	29c.

Lantern Chisels, common size .....each, 12c.

Rivet Sets and Headers



Nos.	00	0	1	2	3	4	5	6	7	8
Size of hole	5/16	9/32	1/4	7/32	3/16	11/64	5/32	9/64	1/8	7/64-in.
For Iron Rivets,	14	10 & 12	8	6	4 & 5	2½ & 3	1¾ & 2	1½	1¼ lb.	10 & 12 oz.
Rivet Sets and Headers, each,	75c.	75c.	63c.	63c.	50c.	50c.	37c.	37c.	32c.	32c.

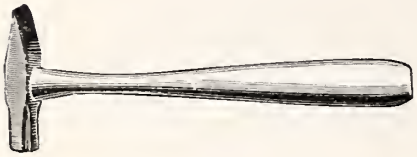
Grooving Tools

Nos.	00	0	1	2	3	4	5	6	7	8
Sizes . . .	1/2	7/16	3/8	5/16	1/4	7/32	1/8	5/32	9/64	1/8-in.
Grooving Tools....each,	75c.	75c.	63c.	63c.	50c.	50c.	37c.	37c.	25c.	25c.

Hollow Punches

Hollow Punches, all sizes to and including 1¾-inch diam., round....per inch, $1.00
" " above 1¾-inch diameter ..... " 1.25
Set of Hollow Punches, one each, ½, ¾, 1, 1½, 1¾-inch .....per set, 5.50
Other sizes can be made to order, at special prices.

Riveting and Setting Hammers--Bright

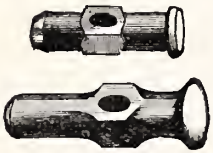


RIVETING HAMMER

SETTING HAMMER

	Nos.	0	1	2	3	4	5
Weight with handle	ounces,	40	24	18	14	11	8
Size of face	inches,	1½	1⅛	1	⅞	¾	⅝
Riveting Hammers, handled	per doz.	$15.50	$9.75	$8.31	$6.75	$5.31	$4.75
" " "	each	1.30	.82	.70	.57	.45	.40
Setting " "	per doz.		9.75	8.31	6.75	5.31	4.75
" " "	each		.82	.70	.57	.45	.40

Raising Hammers



Nos.	1	2	3	4
Weight,	4¾	3¼	2½	1¾ lbs.
Raising Hammers, each,	$2.25	$1.75	$1.25	$ .75
Handles, extra . . . . . per doz.				1.25

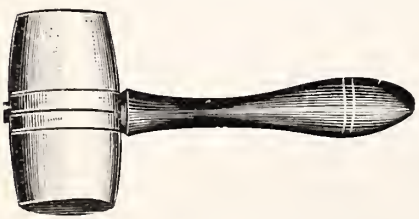
Hammer Handles

BEST HICKORY

PRICE PER DOZEN

Assorted Lengths, 13, 14 and 15 inch $1.50

Packed in boxes of one dozen assorted lengths.



Tinners' Mallets

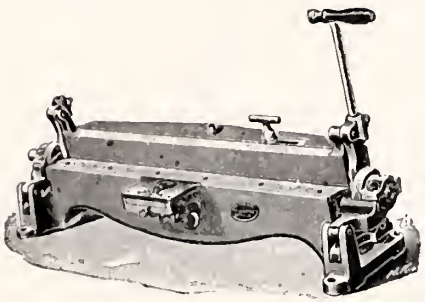
PRICE PER DOZEN

	Hickory	Dog Wood
2¼ inch	$2.00	$4.00
2½ "	2.50	4.50
2¾ "	3.00	5.00
3 "	3.50	5.50
Assorted, 2¼ to 2¾	2.50	4.50

Scratch Awls

Per dozen $1.50

Keystone Adjustable Bar Folder

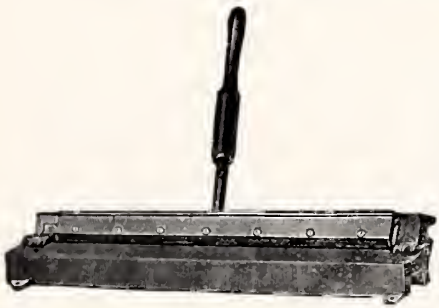


It has a precise gauge mechanism, and the width of the lock, which is uniform the entire length, is indicated on a dial. Provision is made for quickly adjusting the folding bar for wiring edges.

KEYSTONE BAR FOLDER

17 inches,	lock	$\frac{3}{32}$	to 1 inch	$25.00
20 "	"	$\frac{3}{32}$	" 1 "	30.00
30 "	"	$\frac{3}{32}$	" 1 "	40.00
36 "	"	$\frac{3}{32}$	" 1 "	65.00

Improved Sheet-Iron Folder

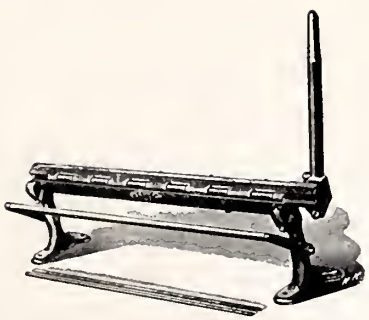


Will Turn Locks $\frac{3}{16}$ to $\frac{3}{8}$ Inch.

These machines are so constructed that the gauge always moves upon a line parallel with the edge of the Folding Plate. The principle of folding is the same as in the Wood Bottom Folder.

Nos. 10 and 20 are adapted to material as thick as No. 26 gauge, and No. 15 to material as thick as No. 24 gauge.

No. 10—30 inches,	weighs	58 lbs.	$10.00
No. 15—42 "	"	175 "	18.00
No. 20—60 "	"	300 "	25.00



Wright's Improved Sheet-Iron Folders

Will Turn Locks $\frac{3}{16}$, $\frac{5}{16}$, $\frac{1}{2}$ and $\frac{5}{8}$ Inch.

No. 12 may be used on material as thick as No. 24 gauge, and No. 17 on material as thick as No. 22 gauge.

No. 12—30 inches,	weighs	75 lbs.	$15.00
No. 17—62 "	"	175 "	55.00

Wood Roofing Folders

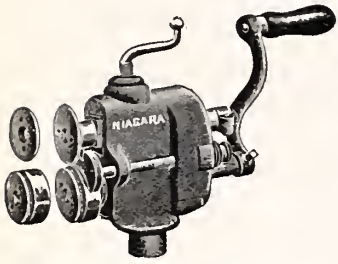
COMMON FOLDERS

20 inches	$2.50
28 "	3.50

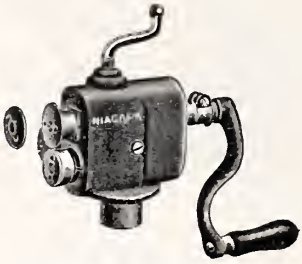
IMPROVED FOLDERS, WITH GAUGE

20 inches	$3.50
30 "	5.00

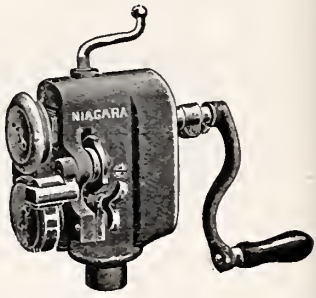
Niagara "Superior" Machines--Encased



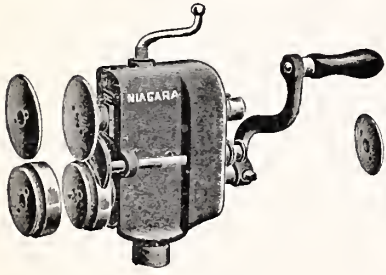
Superior Small Turner



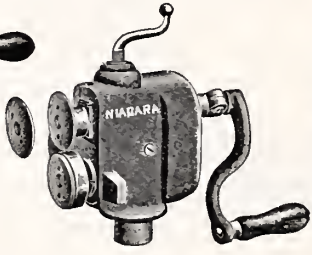
Superior Small Burr



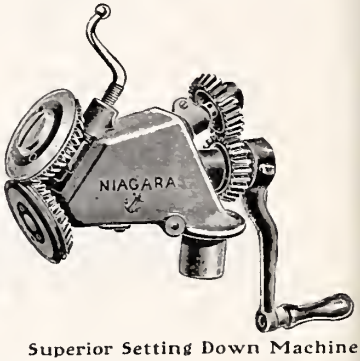
Superior Wiring Machine



Superior Large Turner



Superior Large Burr



Superior Setting Down Machine

The illustrations on this page represent the latest improved Tinners' Bench Machines. They are made from new patterns and embody original features.

The Crank Screw that raises and lowers the upper shaft is in such position that it will not interfere with the work. This screw moves the upper shaft twice as quickly as the crank screw of the ordinary machines.

The Upper Face will go over seams without causing strain or breakage.

In addition to these new features, the Superior Machines possess all the desirable qualities of our old style Encased Machines, viz: Removable faces, interchangeable parts, adjustment for wear, brass boxes, etc.

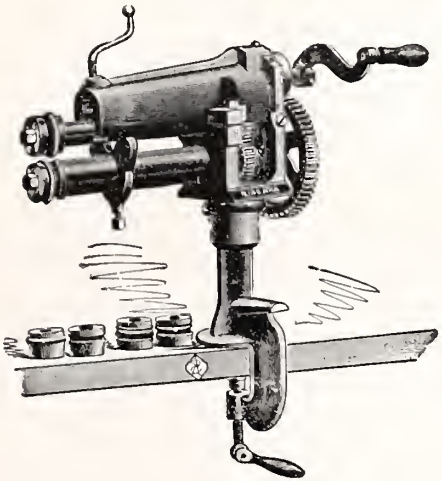
The "Superior Setting Down Machine" is constructed on a new principle, possesses the advantage that the operator can start the seam inward while setting it down, thereby facilitating the operation of double seaming. The work can be held up or down.

PRICE LIST INCLUDING STAND

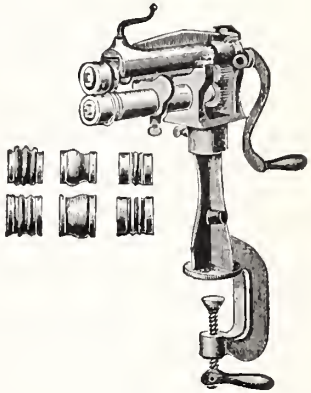
"Superior" Wiring Machine		$14.00
" Large Turning Machine,	with extra upper and lower faces	11.50
" Small " "	with extra upper and lower faces	11.25
" Extra Small Turner, diameter of faces same as Small Burr		12.00
" Large Burring Machine,	with extra upper face	10.50
" Small " "	with extra upper face	10.00
" Setting Down Machine		9.75

Without Standard, 75 cents less.

Niagara Beading Machines



No. 2

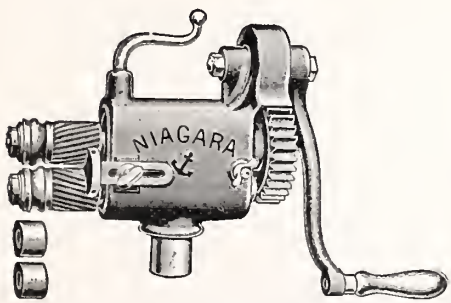


No. 4

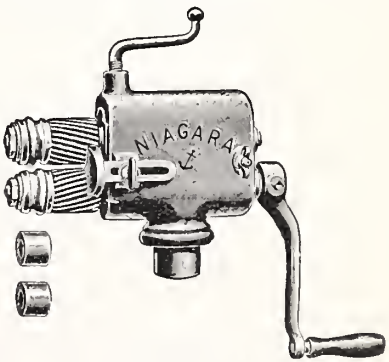
		Throat	Price
No. 1	Beader, with 3 pairs of rolls and stands	13 inches	$32.25
No. 2	" " 3 " " " "	10 "	31.25
No. 3	" " 3 " " " "	7½ "	26.25
No. 4	" " 4 " " " "	6 "	19.75
No. 5	" " 5 " " " "	4 "	16.75

Discount.....per cent.

Niagara Crimper and Beader



Geared



Not Geared

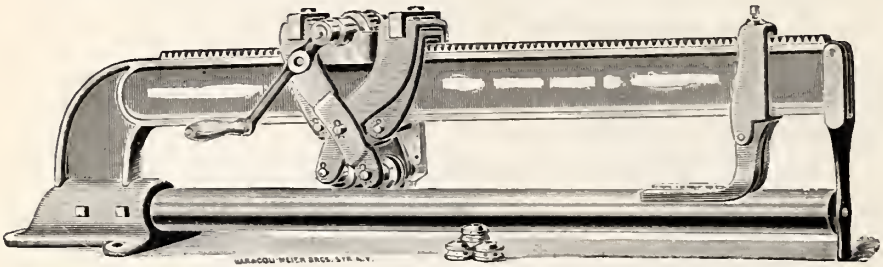
	Price
Niagara Crimper and Beader with standard	$12.00
" " " " " " and treadle attachment in place of crank screw	16.00
Crimping Rolls ....per pair,	3.00
Beading " "	2.50
Plain Collars "	1.50

Discount.....per cent.

Rolls with spiral crimp as above are sent unless rolls with straight crimp are ordered.

Handy's Royal Groover

THE BEST AND STRONGEST GROOVER MADE

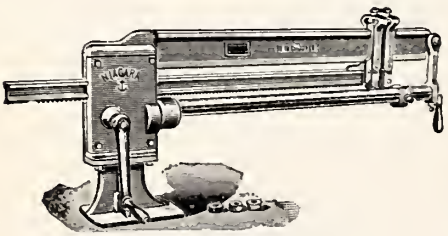


The Royal Groover is especially adapted to Tobacco Flue work and other purposes where a strong combined groover and flattener is desired. This machine is the result of a thorough study of the entire field. It grooves and flattens the seams at one operation, is adjustable for any thickness of metal; crank can be used on either side; stop raises to allow adjustment of pipe; will groove 2½ inches and over; three different sizes of hardened steel rolls furnished with each machine.

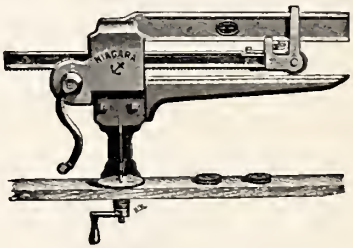
PRICE LIST

Royal Groover, complete, 30 inches long	$40.00
Extra for cutting grooves in bar	4.30
Extra bar for grooving 1½ inches	7.15

Discount .....per cent.



NO. 2 NIAGARA GROOVERS
Capacity, No. 24 Iron and Lighter



STOW'S BRASS-MOUNTED GROOVER

PRICE LIST

20 in. No. 2 Niagara Groover, with stand	$20.00
30 in. No. 2 " " " "	25.00
17 in. Stow's Groover, with stand	11.00
20 in. " " " "	13.50

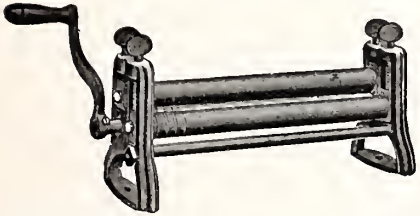
Improved Standards

These stands fit any machine we sell.

Price each $1.00

Write for discounts.

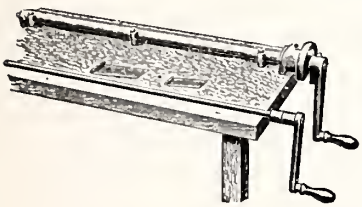
Forming Rolls--Plain



	Diameter	Length	Price
Tin-Pipe Former	1½ in.	16 in.	$ 9.00
" "	1½ "	20 "	10.00
Stove-Pipe "	1¾ "	30 "	18.00
" "	2 "	30 "	19.00
Forming-Rolls	2½ "	37 "	38.00
" "	2½ "	42 "	43.00

Discount .....per cent.

Niagara Single and Double Lock Edger and Gutter Beader



This machine is intended for turning the edges of roofing sheets of tin for double or single lock. The edge is turned at one movement of the crank handle.

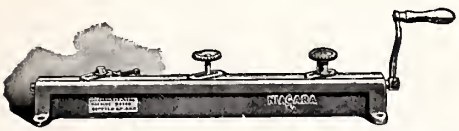
This machine can also be used as a Gutter Beader, and we furnish rod, ½ inch diameter, for this class of work.

30 inch Edger, including one Edging and one Gutter Rod.

Price $12.50

Discount.....per cent.

Niagara Adjustable Gutter Beaders



PRICE LIST

30 inch Niagara Adjustable Gutter Beader	$10.00
Extra Rods	3.00

Discount..... .....per cent.

The price includes one straight rod (state diameter wanted). These machines are adjustable for rods of from ⅜ to ¾-inch diameter. The jaws can be opened quickly to facilitate removing the work, therefore these machines are better adapted, than the ordinary Gutter Beader, to different thicknesses of material.

Iron Bottom Gutter Beaders

PRICE LIST

20 in. Beader with rod, ⅜ to ¾ in.	$4.00
30 " " " " ⅜ " ¾ "	6.00

Discount.....per cent.

Each machine is fitted for a certain size of rod. The price includes one rod. State diameter wanted.

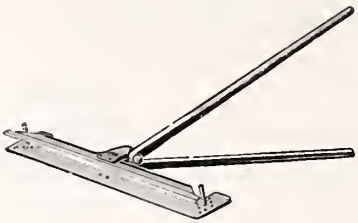
Rowe's Pipe Crimper

It makes a gradual taper, and will crimp sheet metal from the lightest tin up to No. 20 iron. By the use of the Crimper there is no trouble in joining pipe.

Price $1.20

Roofing Tools

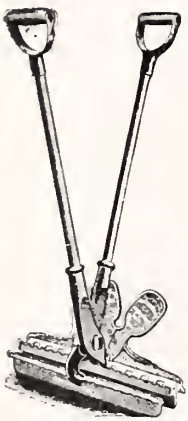
Roofing Tongs



Adjustable Roofing Tongs

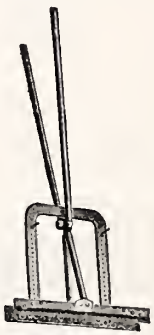
Gutter Tongs

Hand Double Seamer



Burritt's Roofing Double Seamer

Squeezing Tongs



Deep Throat Roofing Tongs

Steel Roofing Tongs, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 in. (always state size wanted), per set of two pairs $6.00

Adjustable Roofing Tongs, suitable for edges $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, and 2 inches wide ..... each 4.00

Deep Throat Roofing Tongs, adjustable from $\frac{1}{2}$ to 10 inches, varying by $\frac{1}{2}$ inch. Length of blades, 15 inches .....each 6.00

Gutter Tongs, length of blade, 14 in., depth of throat, 14 in. .....each 4.00

Hand Roofing Double Seamers, to match tongs (always state size wanted). Per set, 2 pairs 1.75

Squeezing Tongs. Used for steel roofing with roll or folding cap 1.50

Burritt's Roofing Double Seamers (two pairs are a set), common gauge, to follow 1 and $1\frac{1}{4}$ Tongs .....per set 20.00

Wide gauge, to follow $1\frac{1}{4}$ and $1\frac{1}{2}$ Tongs .....per set 20.00

When ordering, mention if Common, or Wide Gauge Seamers are wanted.

Burritt's Seamer Springs

Price . . . . . 25 cents each, net

Tinners' Stakes

Blowhorn Stake

Needle Case Stake

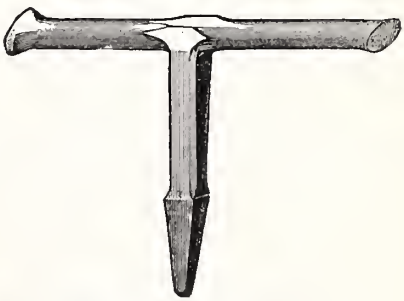
Candle Mould Stake

Beakhorn Stake

Hatchet Stake

Square Stake

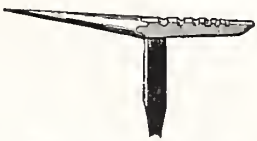
Coppersmith's Square Stake



Double Seaming Stake

Bottom Stake

Solid Mandrel Stake

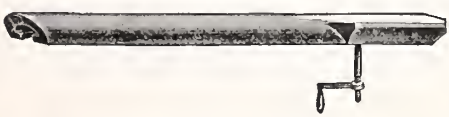


Creasing Stake with Horn

Creasing Stake

Conductor Stake

Bevel Edged Square Stake



Hollow Mandrel Stake

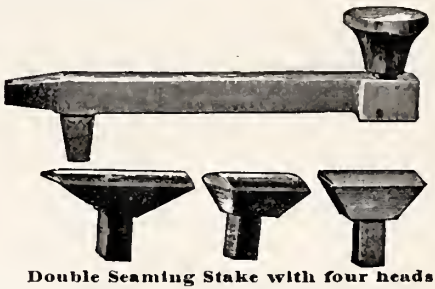
Round Head Stake

Bath Tub Stake

For prices, see next page.

TINNERS' STAKES

Tea Kettle Stake with four heads



Double Seaming Stake with four heads

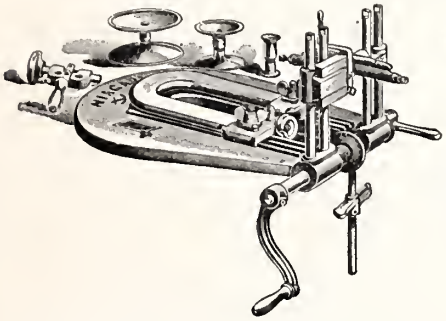
WROUGHT IRON WITH STEEL FACES

	Net Weight	Price
No. 1 Beakhorn	50 lbs.	$15.00
No. 2 "	40 "	13.25
No. 4 "	30 "	10.00
No. 1 Double Seaming, large end 17 in., small end 12 in.	40 "	9.00
No. 2 " " both ends, 11 inches	32 "	8.00
No. 0 Conductor, both ends 14 in. long, 1⅞ and 1⅜ in. diam.	24 "	6.00
No. 00 " long end 2 x 20 in., short end 1½ x 14 in.	34 "	7.00
No. 1 Bevel-edged Square, face 3 x 5 inches	13 "	6.00
No. 2 " " 2½ x 4½ inches	12 "	5.00
Blowhorn, large end 9 inches, small end 17½ inches	14 "	5.00
Creasing, with horn, round end 9½ inches, flat end 6½ inches	13 "	4.50
Common Creasing, 14½ inches long	13 "	4.00
Coppersmith's Square, face 2⅝ x 4½ inches	11 "	3.50
Common Square, face 2⅝ x 4½ inches	11 "	3.00
Large Square, face 3½ x 5½ inches	15 "	7.00
Small Square, face 2⅜ x 1½ inches	4 "	2.00
Candle Mould, small end 18 inches, horn 8½ inches	8 "	2.75
Needle Case, flat end 8 inches, small end 10½ inches	3 "	2.25
Tea Kettle, with four heads	50 "	15.75
Heads for Tea Kettle		1.75

Hatchet	Nos. 1	2	3	4	5	6
Net Weight	lbs. 13	10	9	7	5	4
Length of Blade	ins. 16	14½	13	11	9	7
Price	$5.00	$4.25	$3.50	$2.75	$2.25	$1.75
Bottom	Nos.	1	2	3		4
Width	ins.	1¾	1½	1¼		1
Price		$1.00	$0.80	$0.75		$0.50

CAST IRON WITH POLISHED FACES

	Net Weight	Price
No. 1 Conductor, turned, large end 2 x 15 in., small end 1¼ x 11½ in.	30 lbs.	$4.00
No. 2 Conductor, turned, large end 1¾ x 14 in., small end 1¼ x 10 in.	20 "	3.00
No. 00 Solid Mandrel, 60 inches long to the standard	130 "	10.00
No. 0 " " 40 " " " " "	80 "	6.00
No. 1 " " 34 " " " " "	60 "	5.00
No. 2 " " 30 " " " " "	40 "	4.00
No. 2½ " " 30 " " " " " for 2-in. pipe	30 "	4.00
No. 3 " " 27 " " " " "	30 "	3.00
Round Head	10 "	1.25
Bath Tub	12 "	1.25
Double Seaming, with four heads	100 "	9.00
Extra Heads for Double-Seaming Stake with four heads		1.50
No. 000 Hollow Mandrel, 36 in. entire length, 3 in. diameter	30 "	5.00
No. 0 " " 40 " " " 4 " "	50 "	5.50
No. 00 " " 60 " " " 4⅞ " "	94 "	10.00
Extra " " 48 " " " 11¾ " " flat part 15 inches wide	300 "	25.00
Hollow Mandrel Fasteners		.60
No. 12 Mandrel Stake, rounded part 26 in. long, entire length 44½ in.	50 "	5.00



Buffalo Circle Shears and Edger

PRICE LIST

Buffalo Circle Shears, with Burring Attachment and Edge Turner . . .	$35.00
Shears, with Edge Turner only . .	30.00
" " Burring Attachment only	30.00
" for cutting only	25.00

Discount.....per cent.

This machine was designed to take the place of the old style Flander's and Savage's Shears, combining the advantages of both. It will cut circles of any size from 2½ to 23 inches diameter, of tin or light sheet metal.

The entire circumference is cut at one turn of crank handle. After cutting the circles they are flanged by means of the Edge Turner or Burring Attachment, at the same setting. The flange can be up $\frac{3}{16}$ inch high.

The price includes four disks, 1⅝, 3, 4⅝ and 7⅝ inches diameter. The Edge Turner and Burring Attachment are not furnished with the Buffalo Shears, unless ordered.

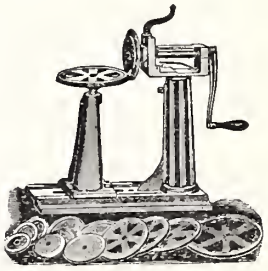
Hulbert's Double Seamer

Double seams all kinds of flaring and straight work, coffee and tea-pots, oval and round boilers and raised work.

The deflector sets off the bottom after seaming, to stiffen it.

We are now prepared to furnish our Hulbert's Double Seamer with *Setting Down Attachment.*

Ten disks and three faces accompany each Seamer. Diameter of flaring disks, 4⅛, 6¼, 7⅛, 8⅞ and 11½ inch; straight disks, 4¼, 5¾, 8⅛ and 10¼ inch; oval edge disk, 5⅞ inch.



Hulbert's Seamer, with deflector for work up to 14 in. high	$27.00
" " without " " " 14 " "	25.00
" " with " " " 20 " "	30.00
Setting Down Attachment	extra, 8.00

Discount.....per cent

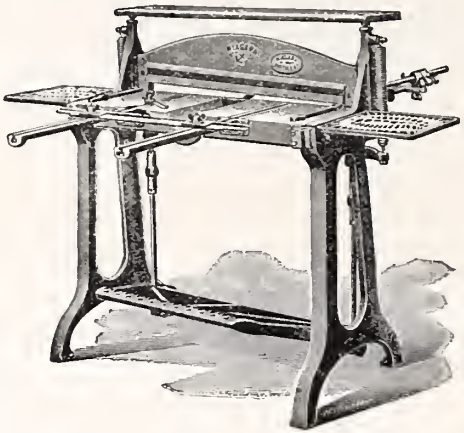
Bench Plates

Nos.	0	1	2
Size	48 x 12	37 x 8	30 x 8 inches
Weight,	94 lbs.	50 lbs.	37 lbs.
Price	$9.00	$5.00	$3.00

Discount.....per cent.

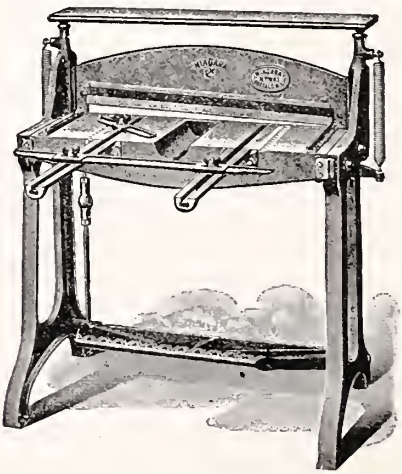
Excelsior Squaring Shears

IMPROVED



These Shears are accurate, durable, and well adapted to ordinary work.

Queen City Squaring Shears



FOR NO. 18 IRON AND LIGHTER

The Queen City Shears are in appearance similar to the "Excelsior," but, being heavier and stronger than these and other tinners' shears, they will cut thicker material.

PRICE LIST

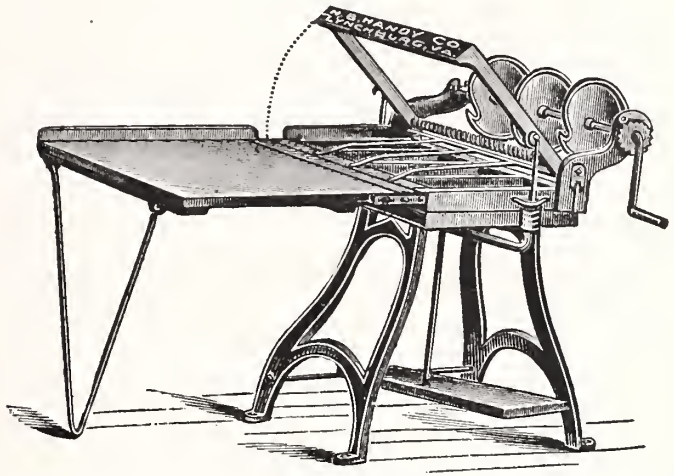
	Excelsior	Queen City
22 inch	$35.00	$40.00
30 "	48.00	53.00
36 "		80.00
Iron Drop Tables	2.00	

Discount.....per cent.

Larger Shears Quoted on Request

Patent Roofing Seamer

FOR PUTTING TIN TOGETHER

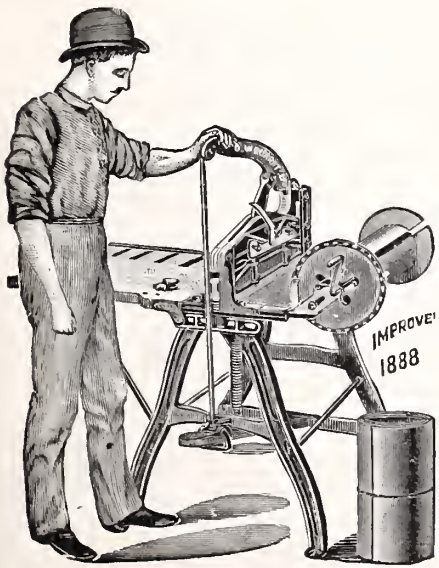


Cut of Machine showing the DROP TABLE raised in position to operate

Simple in construction and easy to operate. Works rapidly. Turns out best quality of work.

PRICE LIST

20 inch Machine, will put together tin 14 and 20 inches $45.50
28 " " " " " " 14, 20 and 28 inches 50.50



Burritt's Cross Lock Seamer

This Process is a Great Saving of Solder, and Locks less liable to crack in edging up.

If you want a good machine, try this one.

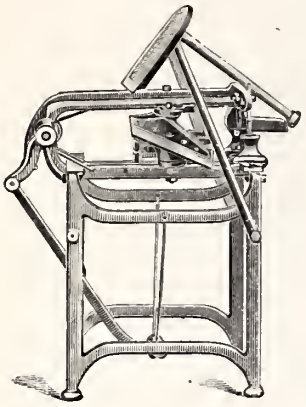
20 inch is gauged for 14 and 20 inch tin.

28 inch is gauged for 14, 20 and 28 inch tin.

PRICE LIST

20 inch, net $44.00
28 " " 52.00

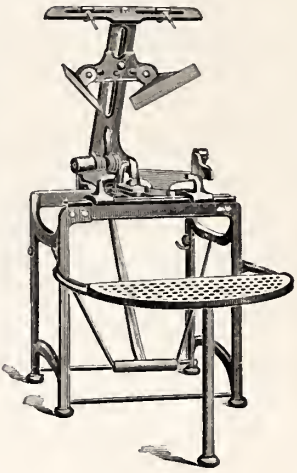
Ideal Slate Dresser



No slate roofer can afford to be without an Ideal Dresser. Knives cut octagon, hexagon, diamond, and other angles, including convex and concave. For ornamental work it is indispensable and will cut and punch at one stroke any ordinary size slate.

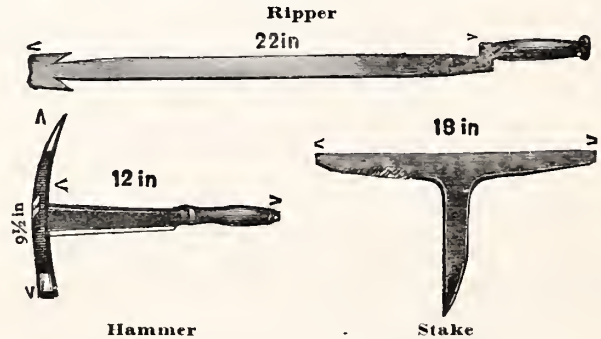
Graduated scale on bed plate.

Price, complete . . $30.00



Forged Slaters' Tools

FAULTLESS BRAND



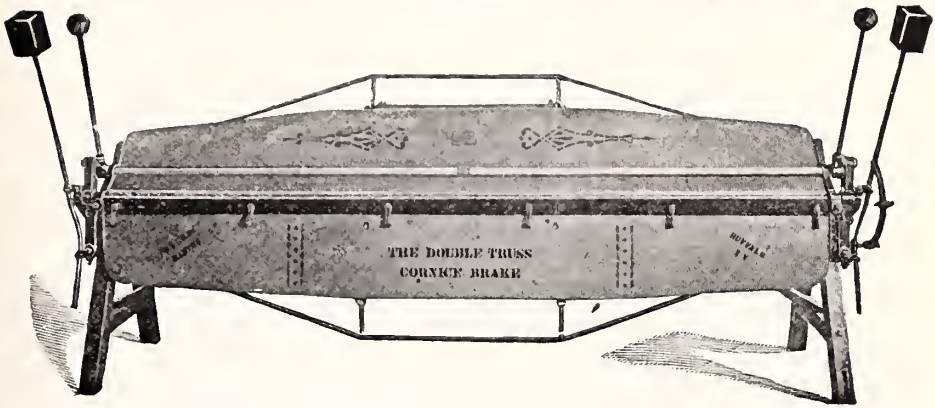
Our experience has demonstrated that a slaters' tool is very difficult to make good, but diligence has enabled us to produce an article of superior merit. We offer the trade tools absolutely warranted under their proper use.

Try these once and we believe you will hereafter use no other.

PRICE LIST

Slaters' Rippers	each	$2.00
Slaters' Hammers	"	3.00
Slaters' Stake, not graduated	"	.75
Set of Slaters' Tools, Ripper, Hammer and Stake		5.50

Double Truss Cornice Brake

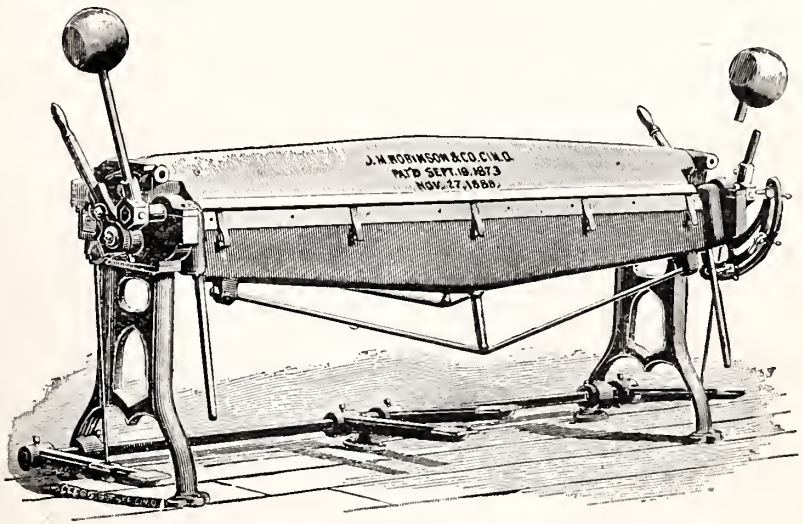


The above is of 8 feet Standard Brake, Guaranteed for 22 gauge full length

Size	Length of Clamp	Standard	Extra Strong
36 inches	37 inches	$40.00	
48 "	49 "	50.00	$57.00
72 "	75 "	85.00	95.00
96 "	97 "	115.00	132.00
120 "	121 "	145.00	

Discount..... per cent.

Robinson's Cornice Brake

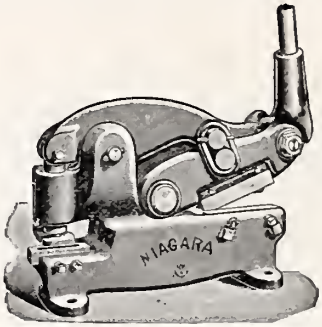


Made of metal entirely. None as good.

Size	Length of Clamp	Weight Pounds	Price
36 inches	37 inches	600	$56.00
48 "	51 "	1160	92.00
72 "	74 "	2100	118.00
96 "	97 "	3000	176.00
120 "	121 "	5650	325.00

Prices quoted on any other style of Brakes desired.

Combined Shears and Punches

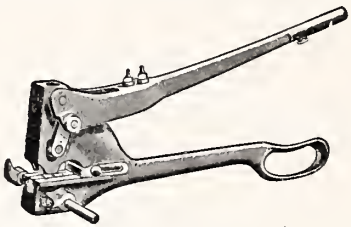


These machines are suitable for cutting and punching metal. Sheets of any length and width can be cut apart. In shearing, as well as punching, the lever works towards the operator. Cutting length, 5 in.; Throat of Punch, 3½ in.

PRICE

No. 2 Comb. Shear and Punch $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ punches $20.00

Portable Lever Punch



The plunger of this handy machine is operated by a powerful toggle movement. All parts are made of malleable iron and steel, in order to combine strength with the least possible weight. Back and side gauges are provided.

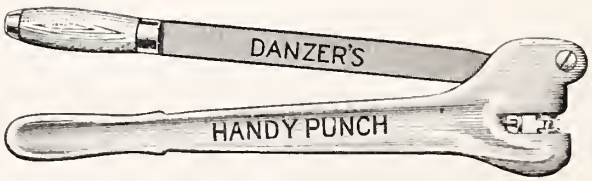
Depth of throat, $1\frac{3}{8}$ inches; distance from center of slide to face, $\frac{11}{16}$ inches.

Will punch ¼-inch hole through No. 18 iron.

Three punches and one die for holes $\frac{1}{8}$, $\frac{3}{16}$ and ¼-inch diameter are sent.

Portable Lever Punch, weight 8 lbs. $6.00

Handy Punch



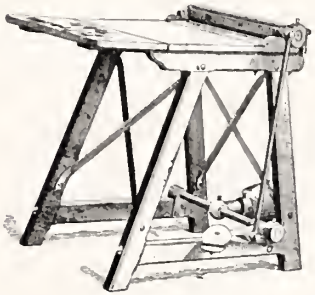
Price, net $5.00

Extra Punches or Dies, each ..... .30

This is one of the most convenient tools that has ever been placed on the market. It is made of steel and will punch No. 16 iron or lighter. Has 1-inch throat with back gauge, three sets Punches and Dies, ¼-inch, $\frac{3}{16}$-inch and $\frac{1}{8}$-inch, which can be easily changed. This Punch is especially adapted for Heat Pipe, Stack and Blower work. Length, 15 inches; weight, 6 lbs.

Write for discounts.

Danzer's Lightning Edgers



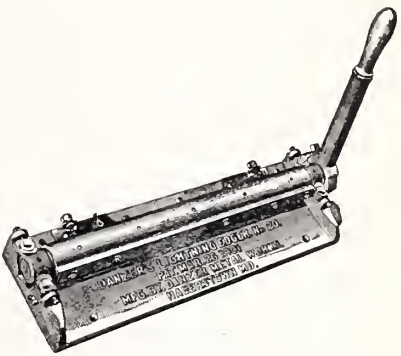
FOOT POWER
Capacity, 1 box tin 20 x 28 inches, 6¾ minutes

HAND, FOOT AND BELT POWER ADJUSTABLE GAUGE

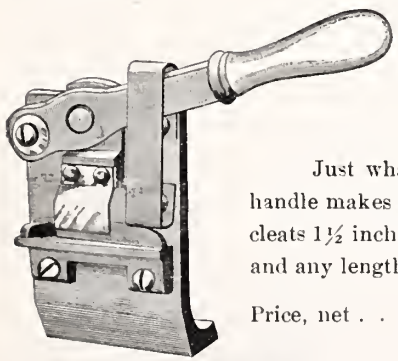
It will edge from ¼ to ⅝ inches wide, either in tin or No. 27 stove-pipe iron. It will finish tin ready for flat-seam roofing. It will edge a sheet of tin and kick it out without moving the sheet or turning it over the top of machine. A boy can work it. It will edge more tin than any other two machines. It is a time, labor and money saver. Made in two sizes.

PRICES

No. 20, 21 inch wide, hand power, . .	$12.50
" 30, 31 " " " " . .	16.25
" 20, 21 " " foot " . .	25.00
" 30, 31 " " " " . .	28.50



HAND POWER
Capacity, 1 box tin 20 x 28 inches, 10 minutes



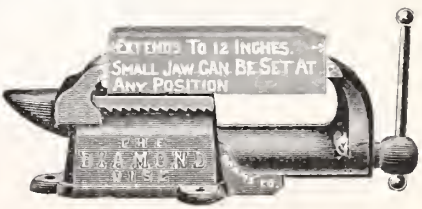
Lightning Cleat Former

Just what every Roofer needs. One movement of the handle makes the cleat and drops it in the box. It will make cleats 1½ inches wide and under, in Tin or Galvanized Iron, and any length you want. Weight 6 lbs.

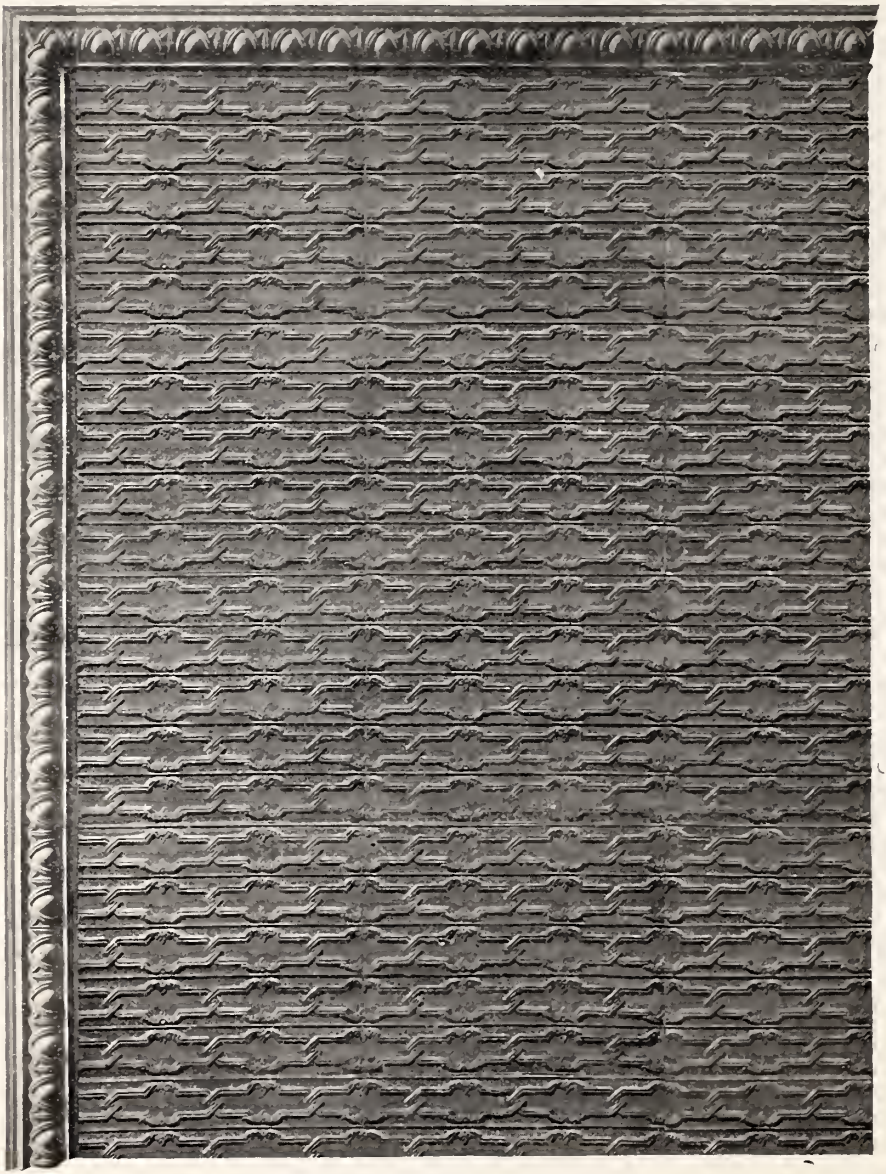
Price, net $1.50

Diamond Vise

Jaws ⅝ x 4 in.
Face 3 x 7 "
Weight 38 pounds.
Price . $4.00



Steel Ceiling



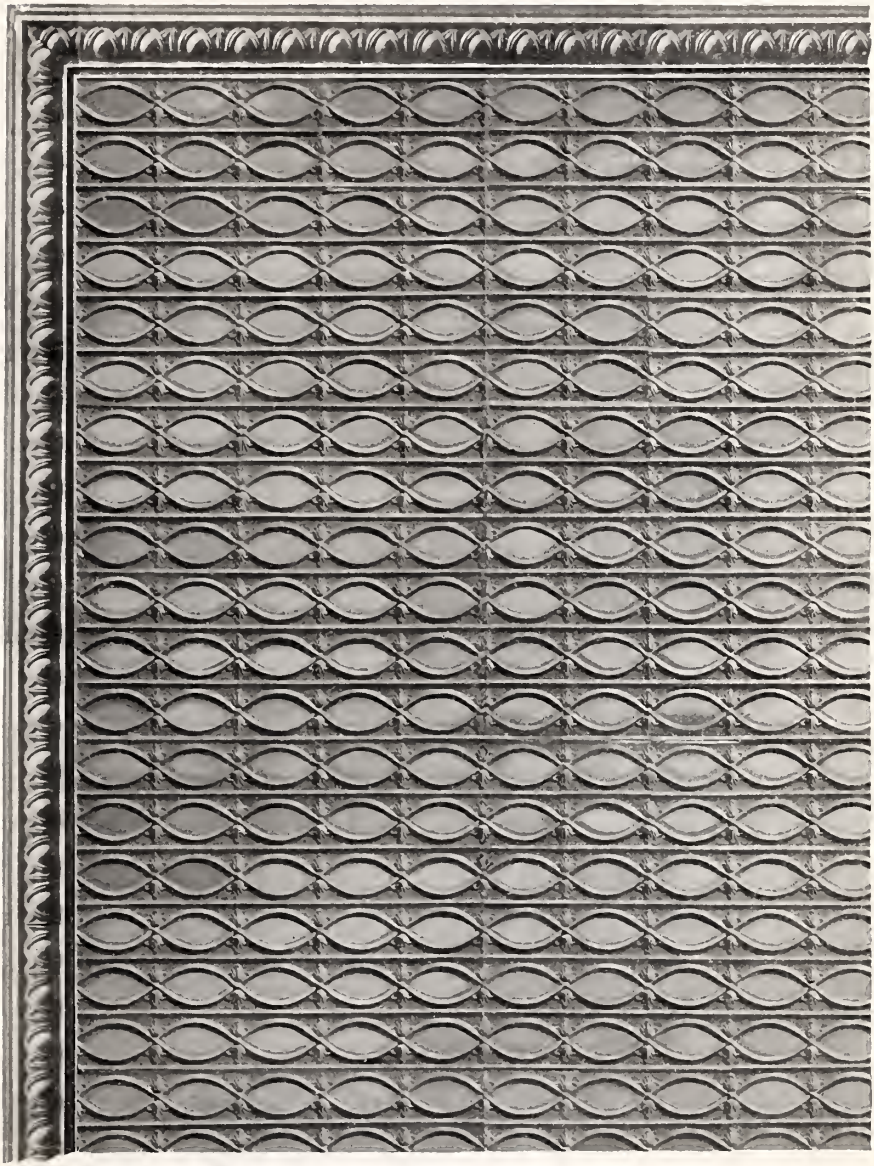
No. 65

Made in sheets 24 x 96 inches.

A good design at a price so low that wood ceilings or plaster is out of the question. Cornice drops on wall 4¼ inches.

Send measurements and get our prices.

Steel Ceiling



No. 47

Made in sheets 24 x 96 inches.

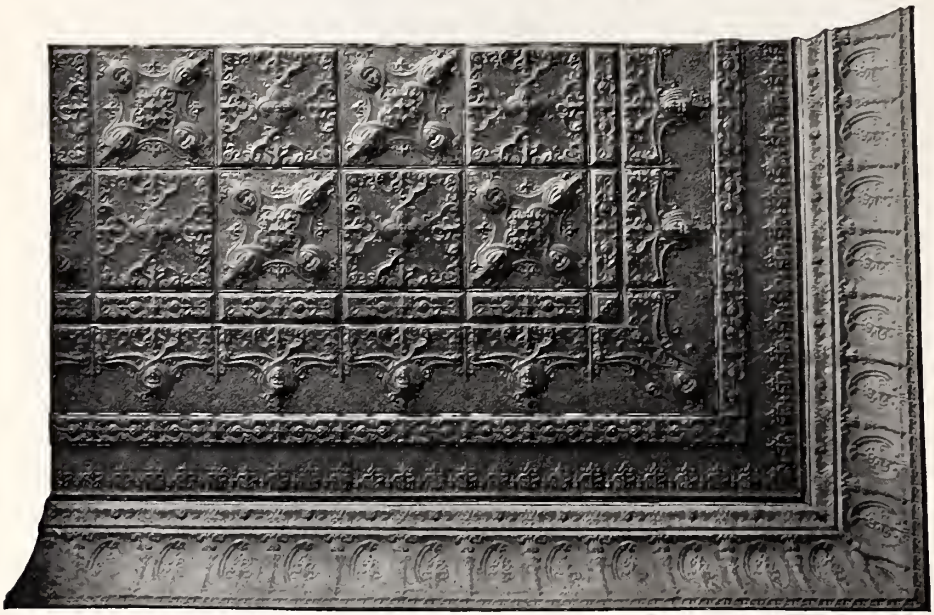
This design is in line with our No. 65 for stores, lodge rooms, dwellings, etc., it is very suitable, and the price is almost as low as for wood. Cornice drops on wall 4¼ inches.

Send size of room for our price.

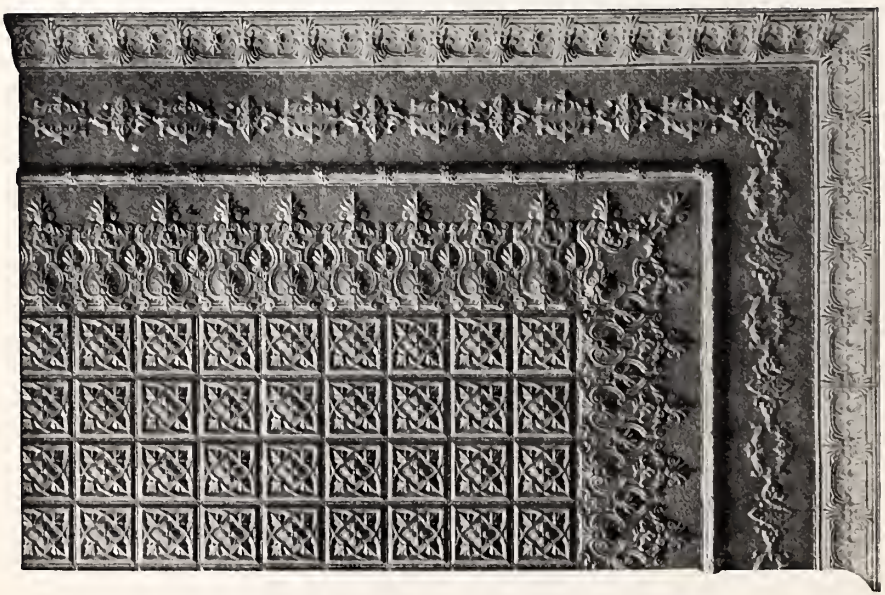
Invisible Joint Ceiling

MOST EASILY ERECTED

L'ART NOUVEAU—Ceiling Design No. 2173



FRENCH RENAISSANCE—Ceiling Design No. 1868



Write us for other designs when you need them. Send plans or diagram of room and we will submit cost.

Invisible Joint Ceiling

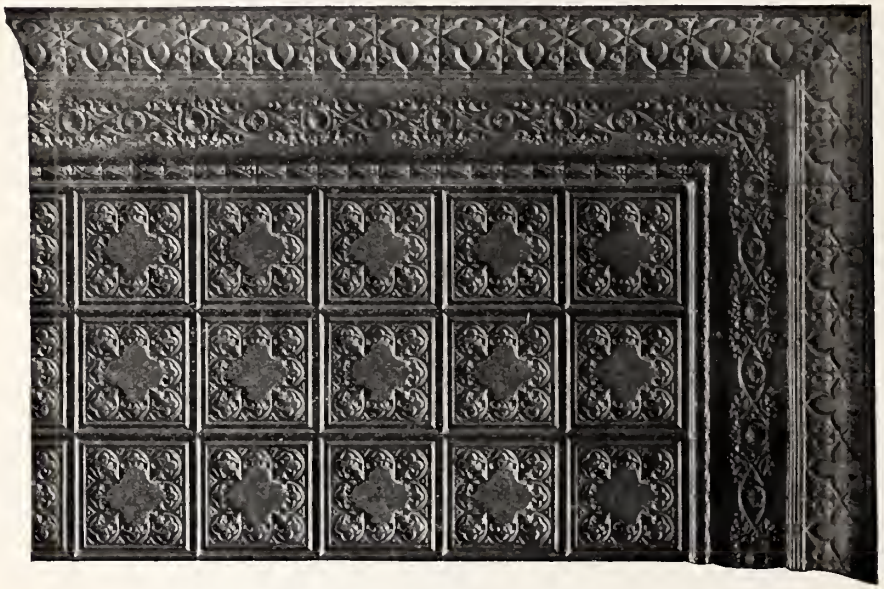
A HANDSOME BUFFET

We issue a special ceiling catalogue.

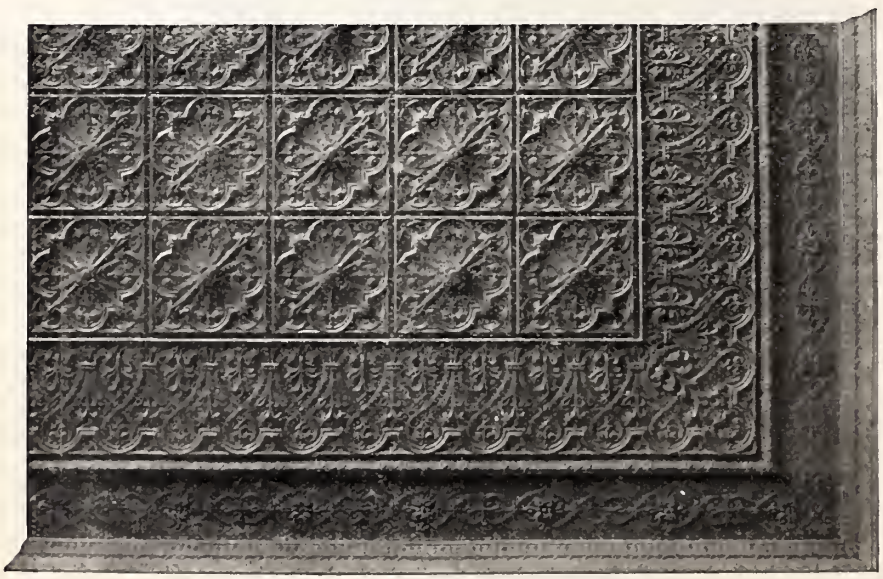
Invisible Joint Ceiling

MOST EASILY ERECTED

GOTHIC—Ceiling Design No. 1768



ROMANESQUE—Ceiling Design No. 2079

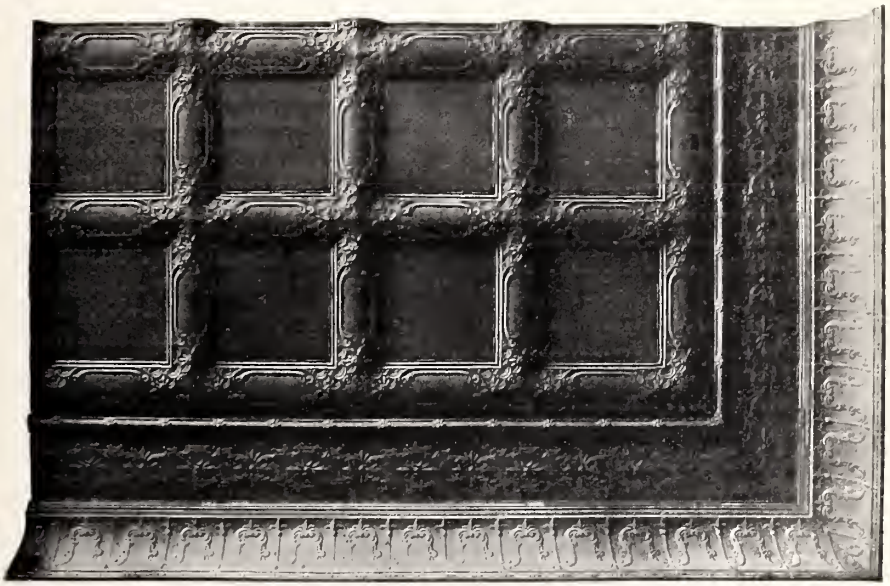


We can furnish a thousand designs. Send plans or diagram of room and we will submit cost.

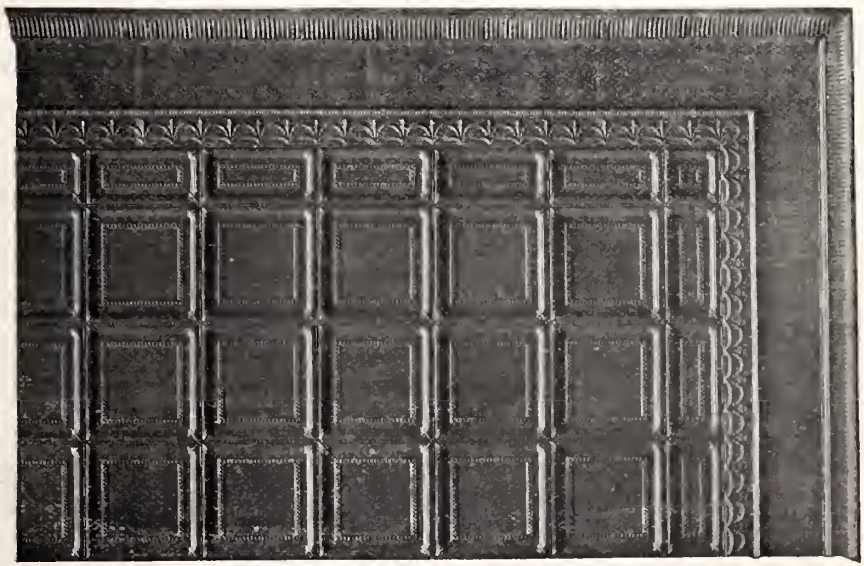
Invisible Joint Ceiling

MOST EASILY ERECTED

LOUIS XIV. – Ceiling Design No. 1675



COLONIAL—Ceiling Design No. 1973



We can furnish any special design wanted. Write us for estimates.

INDEX

Page

A.

Acid, Muriatic 72
Asbestos Cement 73
Asbestos Paper 17
Awls, Scratch 116

B.

Balls, Zinc and Copper 78
Bar Folders 117
Beaded Ceiling 36
Beaders, Gutter 121
Beading Machine 119
Bench Plates 125
Bench Shears 113
Black Sheets 11
Blacking, Stove 84
Blocks, Cresting 42-45
Boards, Stove 83
Bolts, Stove 69
Boots, Sewer or Conductor 64
Box Gutter 47
Brakes, Cornice 129
Brass Strainer Cloth 77
Braziers' Solder 9
Brick Siding 35
Bucket Covers 75
Buckingham Roofing Slate 19
Burrs 69
Burring Machines 118
Burritt's Foot Seamers 122

C.

Can Screws 78
Can Spouts 75
Can Trimmings, Fruit 75
Caps, Tin Roofing 17
Ceiling, Steel 132-137
Cement, Asbestos 73
Cement, Furnace 73
Cement, Roofing 74
Cement, Stove 73
Charcoal 72
Chisels, Lantern 115
Chisels, Wire 115
Chimney Tops and Irons 65
Circles and Shanks 63
Circular Shears 113
Circumference Rules 39
C. & L. Torches and Pots 108

Page

Clips, Damper 79
Cloth, Strainer 77
Cleat Formers 131
Coffee Pot Covers 75
Collars, Stove Pipe 81
Conductor Elbows and Shoes 52-54
Conductor Heads 66-68
Conductor Pipe 52-55
Conductor Hooks 60, 61
Conductor Strainers 58
Connections, Cast Sewer 64
Continuous Roofing Tin 34
Copper Sheet 8
Coppers, Soldering 9
Cornices 11
Cornice Brakes 129
Corner Trimmings 38
Corrugated Iron 22-27
Corrugated Side Wall Flashing 37
Covers, Bucket 75
Covers, Coffee Pot 75
Covers, Lard Can 75
Covers, Pot 75
Crestings 42-45
Cresting Blocks and Finials 42-45
Crimpers and Beaders 119
Crimping Machines 119
Crimper, Rowe's Pipe 121
Crimper and Snips combined 114
Cross Lock Seamers 127
Cut Offs, Rain 58
Cutting Nippers 111
Cylinder Heads 79

D.

Damper Clips 79
Dampers, Heater Pipe 80
Dampers, Stove Pipe 80
Dividers, Wing 112
Double Lock Edgers 121
Double Seamers, Burritt's 122
Double Seamers 125
Double Truss Cornice Brakes 129

E.

Ears, Bucket 76
Ears, Kettle 76
Eave Trough 48, 49

Page

Eave Trough Hangers 59
Eave Trough Miters 56
Edgers, Double Lock 121
Elbows 82
Elbows, Conductor 53
Elbows, Speaking Tube 61
Elbows, Stove Pipe 82
Enamel, Stove 82
Ends, Gutter 56
End Pieces, Gutter 56
Extension Ladders 107
Expanded Metal 16

F.

Faces, Register 97, 103, 105, 106
Fasteners, Pipe 60-61
Felt, Roofing 17
Felt, Slaters 17
Finials 85-94
Fire pots, Charcoal 110
Fire Pots, Gasolene 108
Flashing, Corrugated 37
Flue Stoppers 81
Folders, Keystone Bar 117
Folders, Niagara 118
Folders, Sheet Iron 117
Folders, Wood Roofing 117
Folders, Wright's 117
Foot Double Seamers 122
Formers, Cleat 131
Formers, Pipe 121
Forming Rolls 121
Formers, Bishop's Gutter End 57
Fruit Can Trimmings 75
Furnace Cement 73
Furnaces, Gasoline 110
Furnaces, Soldering 110

G.

Galvanized Hoop Iron 73
Galvanized Sheet Iron 11
Galvanized Roofing 28, 29
Gasoline Furnaces 110
Gauges and Weights 13, 14, 15
Groovers, Hand 120
Grooving Machines 120
Gutter (Eave Trough) 48-51
Gutter O. G. Box and Roof 47
Gutter Beaders 121
Gutter Tongs 59

Page

H.

Handles 9, 75, 77, 116
Handles, Hammer 116
Handles, Sauce Pan 75, 77
Handles, Soldering Copper 9
Hammers, Raising 116
Hammers, Riveting 116
Hammers, Setting 116
Hand Groovers 120
Hand Seamers 122
Hand Shears 113, 114
Hangers, Eave Trough 59, 62, 63
Heads, Conductor 66-68
Heads, Cylinder 79
Hip Capping 21
Hollow Punches 115
Hook, Conductor 60, 61
Hoop Iron Galvanized 73

I.

Iron, Black Sheet 11
Iron, Galvanized Sheet 11
Iron, Hoop 71
Iron, Woods Planished 12
Iron, Woods Refined Cleaned 12

K.

Knobs, Coffee Pot 77
Knobs, Tea Pot 77

L.

Ladders, Extension 107
Ladders, Straight 107
Ladles, Plumbers' 110
Lath, Steel 16
Lard Can Covers 75
Lead, Sheet 7
Lock Seamers 122

M.

Mallets, Tinners' 116
Machine Parts 118
Machine Stands 120
Malleable Rf. Tongs 122
Mandrels 123
Mandrels, Stove Pipe 123
Metal, Expanded 16
Metal Lath 16
Metal Shingles 20
Melting Pots 110
Miters, Gutter 56
Muriatic Acid 72

Page

N.

Nails, Copper 70
Nails, Wire 70
Nails, Galvanized 70
Nippers, Wire Cutting 111

O.

Oil, Sipes' 73
Oil, Tinners' 73
Outlets, Gutter 56
O. G. & Box Gutters 47

P.

Pail, Woods 77
Paints 74
Paper, Asbestos 17
Paper, Building 17
Paper, Neponset Red Rope 18
Paper, Rosin Sized 17
Paper, Tar 17
Perforated Tin 7
Pipe Collars 81
Pipe, Conductor 52-55
Pipe, Stove 82
Plates, Roofing 6
Plates, Tin 5
Plates, Bench 125
Pliers, Buttons 111
Pliers, Cutting 111
Pliers, Gas 111
Pliers, Round and Flat Nose 112
Polish, Stove 84
Pot Covers 75
Pots, Fire 108
Pots, Melting 110
Punch and Shears combined 130
Punches 115, 130
Punches, Hollow 115

R.

Rain Water Cut Offs 58
Registers 97, 103, 105, 106
Repairs for Machines 118
Repairs for Fire Pots and Torches 109
Ridge Capping 37, 41
Ridge, Corrugated 37
Rippers, Slate 128
Rivet Sets 69
Ridge Roll 41-45
Rivets 69
Rods, Beader Gutter 121

Page

Roofing Tongs 122
Rock Face Siding 35, 36, 38
Roofing Caps 17
Roofing Felt 17
Roofing, Neponset 18
Roofing, Paroid 18
Roofing Nails 70
Roofing Slate 19
Roofing Steel 22-33
Roofing Tin in Boxes 4
Roofing Tin in Rolls 6
Roof Cement 74
Roof Gutters 46
Roses, Zinc Sprinkler 78
Rosin 72
Rosin Sized Sheathing Paper 17
Rules for Measuring Steel Roofing. 40

S.

Safe Heads (Cylinder Heads) 79
Sal Ammoniac 72
Scratch Awls 116
Screws, Can 78
Seaming Machines 122, 127
Seamers, Burritt's Roofing 122
Sealing Wax 75
Setting Down Machine 118
Sewer Connections, Cast Iron 64
Shears, Bench 113
Shears, Hand 113, 114
Shears, Hand Slitting 114
Shears, Double Cutting 114
Shears, Pipe Cutting 113
Shears, Squaring 126
Shanks and Circles 63
Sheet Copper 8
Sheathing, Asbestos 17
Sheathing, Rosin Sized 17
Sheet Iron, Black 11
Sheet Iron, Galvanized 11
Sheet Iron, Russia 12
Sheet Iron, Woods Planished 12
Sheet Iron, Woods Refined 12
Sheet Zinc 7
Shingles, Tin and Galvanized 20
Shoes, Cast Leader 64
Siding Steel 22
Skylights 95
Skylight Glass 96
Slate, Roofing 19
Slate Dresser 128
Slaters' Felt 17

Page

Slaters' Tools 128
Slating Nails 70
Snips, all kinds 113
Soldering Coppers 9
Solid Punches 115
Solder, Braziers' 9
Solder, Tinners' 9
Soldering Copper Handles 9
Speaking Tube and Fixtures 61
Spikes, Gutter 70
Spouts, Can 75
Sprinkler Roses 78
Squeezing Tongs 122
Stakes, Tinners' 124
Stakes, Slaters' 128
Standards 120
Stops, Flue 81
Steel Roofing 22-33
Steel Siding 35
Stove Pipe 82
Stove Bolts 69
Stove Boards 83
Stone Siding 35
Strainer Cloth, Brass 77
Strainers, Conductor 58
Strings, Wax 75

T.

Tarred Felt 17
Terms 3
Tin Plate, Bright 5
Tin Plate, Perforated 7
Tin Roofing 6
Tin Shingles 20
Tin Valley 21
Tongs, Hanger 59
Tongs, Deep Throat 122
Tongs, Gutter 122

Page

Tongs, Gutter Hanger 59
Tongs, Malleable 122
Tongs, Roofing 122
Tongs, Squeezing 122
Tools, Slaters' 128
Torches, Gasolene 108
Torches, Repairs 109
Turning Machines 118
Tops, Chimney 65
Tops, Zinc Can 78
Trough, Eave 48, 49
Tube, Speaking, and Fixtures 61
Trimmings, Fruit Can 75

V.

Valleys, Galvanized 41
Valleys, Tin 6, 21
Ventilators 65, 104
V. Crimp Roofing 28, 30, 31, 32, 33
Vises 131

W.

Wax, Sealing 75
Wax, Strings 75
Weatherboards 22, 29
Weathervanes 92
Whistles, Speaking Tube 61
Wire, all kinds 71
Wire Nails 70
Wing Dividers 112
Wire Chisels 115
Wiring Machines 118
Woods Pail 77
Wood Mallets 116

Z.

Zinc Balls (half) 78
Zinc, Can Screws 78
Zinc, Sheet 7
Zinc, Sprinkler Roses 78

AVERY LIBRARY
COLUMBIA UNIVERSITY

AVERY LIBRARY
COLUMBIA UNIVERSITY